

Index



Symbols

@import CSS directive, 114-115
(octothorpe), intrapage links, 26

A

a element, 23, 163, 228
abbr element, 228
absolute keywords for font sizing, 144
absolute length values for font sizing, 144-145
absolute linking, 22
absolute positioning (CSS)
 to containing block, 202-203
 to root element, 200-201
accessibility. *See also* usability
 alternative text for images, 35
 descriptions of multimedia files, 39
 email links, 25
 forms, label element, 82
 frames, noframes element, 101-102
 links, 23
 scrolling text and backgrounds, 133
 table columns
 col element, 63-64
 colgroup element, 65
 table summaries, 57
 tables, 57
acronym element, 228
action attribute, 70, 80
:active dynamic pseudo class, 162, 262
active link state, 162
address element, 229
adjacent sibling selectors, 260
:after pseudo element, 262
align attribute, 64-65
 aligning text, 149
alt attribute, 35
alternative text for images, 35
anchor element. *See* a element
applet element, 229
application hierarchy, CSS rules, 109
area element, 229
attribute selectors (CSS), 260
attributes
 action, 70, 80
 align, 64-65
 alt, 35
 border, 37, 51, 100
 cellpadding, 51
 cellspacing, 51
 checked, 75
 class, 124
 codebase, 41
 cols, 78, 92
 colspan, 60-62
 for, 82
 frameborder, 99-100
 framespacing, 100
 height, 34
 href, 23, 113
 id, 27, 71, 73, 79, 82
 label, 85
 lang, 4
 mailto:, 24
 marginheight, 96
 marginwidth, 96
 maxlength, 72
 media, 113
 method, 70, 80
 multiple, 77
 name, 26-27, 71-74, 78, 97



noresize, 96
 parameter, 41
 rel, 113
 rows, 78, 94
 rowspan, 58-59, 62
 scrolling, 96
 selected, 76-77
 size, 72, 77
 span, 63
 src, 32
 style, 110
 subject, 25
 summary, 57
 tabindex, 23, 25
 target, 97
 title, 23, 25, 39
 type, 71, 73, 81, 111, 113
 valign, 64
 value, 74, 80
 width, 34, 50-51, 63
 xml:lang, 4
 xmlns, 4
 audio files, links to, 38-39. *See also* multimedia
 authorship in meta element, 8

B

b element, 230
 background property, 136-137, 266
 background-attachment property,
 132-133, 266
 background-color property, 122, 134-135, 266
 background-image property, 126, 267
 background-position property, 130-131, 267
 background-repeat property, 128-129, 267
 backgrounds. *See also* images
 CSS shorthand, 136-137
 document backgrounds, color in, 122
 element backgrounds
 color in, 122-123
 images in, 127
 images
 attaching, 126-127
 positioning, 130-131
 scrolling versus fixed, 132-133
 tiling, 128-129
 link backgrounds, color in, 164
 table backgrounds, color in, 124-125
 transparent backgrounds, 134-135
 base element, 230
 basefont element, 230
 bdo element, 231
 :before pseudo element, 263
 Berners-Lee, Tim, 13, 49
 big element, 231
 blinking text, 150
 block boxes (CSS), 181
 block-level elements, 227
 blockquote element, 231
 blogs, absolute versus relative linking, 22
 body element, 9, 102, 183-184, 232
 border attribute, 37, 51, 100
 border property, 189, 268
 border-bottom property, 271
 border-bottom-color property, 272
 border-bottom-style property, 273
 border-bottom-width property, 275
 border-collapse property, 268
 border-color property, 187, 269
 border-left property, 271
 border-left-color property, 187, 272
 border-left-style property, 274
 border-left-width property, 275
 border-right property, 270
 border-right-color property, 272
 border-right-style property, 187, 273
 border-right-width property, 275
 border-spacing property, 269
 border-style property, 187, 269
 border-top property, 270
 border-top-color property, 271
 border-top-style property, 273
 border-top-width property, 187, 274
 border-width property, 187, 276
 borders
 CSS, 187-189
 removing
 from frames, 99-100
 from images, 37
 bottom property, 276
 Box Model (CSS), 181-182, 192
 br element, 16, 232
 breaks. *See* line breaks
 browser chrome, 9
 browser style sheets, 108

browser viewport, 199
 fixed positioning to, 206-207
 browsers. *See also names of specific browsers*
 Box Model (CSS), 182
 chrome, 198
 col and colgroup element support, 65
 CSS layout support, 215
 default positioning styles, 198
 DOCTYPE switching, 3
 hiding scripts from, 45
 :hover selector support, 178
 HTML usage in, 1
 margin values, 183
 normal flow, 195-196
 older browsers, borderless frames in, 100
 resizing, 195-196
 scrollbars in, 199
 viewport, 9
 bulleted lists. *See unordered lists*
 button element, 232

C

capitalizing text, 153
 caption element, 56, 233
 caption-side property, 276
 captions in tables, adding, 56
 cascade, 109
 Cascading Style Sheets. *See CSS*
 case of text, transforming, 153-154
 Celik, TanteK, 3
 cellpadding attribute, 51
 cells in tables
 adding, 53
 overlapping, 59
 cellspacing attribute, 51
 center element, 233
 centered designs (CSS layout), 222-225
 centered text, 149
 character entities in title element, 6
 character sets (document encoding), 7
 check boxes in forms
 adding, 73
 preselecting, 75
 checked attribute, 75
 child selectors (CSS), 260
 choosing. *See selecting*
 chrome, 198
 cite element, 233
 class attribute, 124
 class selectors (CSS), 124, 261
 multiple link styles, 166
 versus ID selectors, 167
 clear property, 210, 218, 277
 clearing floats (CSS), 210-211
 clip property, 277
 closing tags in paragraphs, 15
 CMS (content-management systems),
 absolute versus relative linking, 22
 code element, 233
 codebase attribute, 41
 col element, 63-65, 234
 colgroup element, 65, 234
 color in CSS, 120
 borders, 188
 document backgrounds, 122
 element backgrounds, 122-123
 hexadecimal color, 120
 horizontal navigation, 177
 link backgrounds, 164
 names of, 121
 RGB percentages, 121
 RGB values, 121
 table backgrounds, 124-125
 text, 148
 transparent backgrounds, 134-135
 vertical navigation, 174-175
 color property, 148, 277. *See also color in CSS*
 cols attribute, 78, 92
 colspan attribute, 60-62
 columns. *See also cells in tables*
 fixed, centered design with three columns
 (CSS layout), 224-225
 in framesets
 adding, 92-93
 combining with rows, 95
 in tables
 grouping, 63-65
 spanning, 60-62
 three columns with fixed flanking menus
 (CSS layout), 216-217
 three columns with masthead and footer
 (CSS layout), 218-219
 comments (CSS), 116-117
 comments (HTML), 10
 hiding CSS with, 117
 hiding scripts from browsers, 45



- conformance, 1
- containing blocks (CSS), 197-198
 - absolute positioning to, 202-203
- content. *See* links; text
- content property, 278
- content-management systems (CMS),
 - absolute versus relative linking, 22
- controls
 - check boxes
 - adding, 73
 - preselecting, 75
 - defined, 70
 - input textboxes, adding, 71-72
 - menus, adding, 76-77
 - radio buttons
 - adding, 74
 - preselecting, 75
 - reset buttons, adding, 80
 - submit buttons
 - adding, 80
 - customizing, 81
 - text areas, adding, 78-79
- Crazy Netscape Navigator Frame Tricks Page website, 94
- CSS (Cascading Style Sheets), 107
 - advantages of, 107
 - annotated reference, 259
 - background images
 - attaching, 126-127
 - positioning, 130-131
 - scrolling versus fixed, 132-133
 - tiling, 128-129
 - borders, 187-188
 - Box Model
 - defined, 181-182
 - and DOCTYPE, 192
 - cascade, defined, 109
 - class selectors, 124
 - color, 120
 - document backgrounds, 122
 - element backgrounds, 122-123
 - hexadecimal color, 120
 - names of, 121
 - RGB percentages, 121
 - RGB values, 121
 - table backgrounds, 124-125
 - transparent backgrounds, 134-135
 - comments, 116-117
 - embedded style, applying, 111
 - floats
 - clearing, 210-211
 - defined, 193, 208-209
 - website for information, 219
 - fonts
 - applying, 142-143
 - selecting, 140-141
 - sizing, 144-145
 - style, 147
 - unsupported properties, 158
 - weight, 146
 - formatting, 117
 - hacking, 115
 - horizontal navigation
 - with color, 177
 - with images, 178
 - importing style sheets
 - into documents, 114-115
 - into linked style sheets, 115
 - inheritance, 109
 - inline style, applying, 110
 - layouts
 - browser support for, 215
 - centered designs, 222-223
 - fixed, centered design with three columns, 224-225
 - nested float, 220-221
 - three columns with fixed flanking menus, 216-217
 - three columns with masthead and footer, 218-219
 - linked style, creating, 112-113
 - links
 - modifying styles, 164-165
 - multiple styles of, 166
 - states of, 162-163
 - styling with descendant selectors, 167-168
 - lists
 - ordered lists, 169-170
 - unordered lists, 171-172
 - margins, 183-185, 222
 - padding, 190
 - positioning
 - absolute positioning, 200-203
 - browser viewport, 199
 - containing blocks, 197-198
 - defined, 193-194

- fixed positioning, 206-207
- normal flow, 195-196
- relative positioning, 204-205
- static positioning, 207
- types of, 194
- properties, 266-298
- rules, 108-109
- selectors
 - grouping, 127
 - types of, 260-265
- shorthand, 137
 - backgrounds, 136-137
 - borders, 189
 - fonts, 158
 - lists, 173
 - margins, 186
 - padding, 191
- specificity, 109
- text
 - aligning, 149
 - coloring, 148
 - decorating, 150
 - indenting, 151-152
 - line height, 155
 - spacing, 156
 - styling first letter/line, 157
 - transforming case, 153-154
 - unsupported properties, 158
 - varying, 153-154
- types of style sheets, 108-109
- vertical navigation
 - with color, 174-175
 - with images, 176
- z-index, defined, 193, 212-213
- CSS Zen Garden website, 138
- cursive fonts, 140
- cursor property, 278
- customizing
 - forms, 86
 - submit buttons in forms, 81

D

- dd element, 21, 235
- declarations (CSS), 108
- declaring HTML pages, 2-3
- decorating text, 150
- decorative fonts, 140
- definition lists, 21

- del element, 235
- deleting. *See* removing
- descendant selectors (CSS), 167-168, 261
- descriptions
 - in meta element, 8
 - of multimedia files, 39
- dfn element, 235
- DHTML (Dynamic HTML), 43. *See also* scripts
- dir element, 236
- direction property, 278
- directory structure
 - for images, 32
 - for multimedia, 38
- display property, 177, 279
- div element, 209, 236
- dl element, 21, 236
- DOCTYPE
 - and Box Model (CSS), 192
 - declarations, 2-3, 91
 - switching, 3
- document backgrounds, color in, 122
- document encoding, 7
- Document Object Model (DOM), 43. *See also* scripts
- document tree, 29
- Document Type Definition (DTD), 2
- documents required for frames, 90. *See also* HTML pages
- DOM (Document Object Model), 43. *See also* scripts
- drop caps, styling, 157
- drop shadows, creating, 158
- drop-down menus in forms, adding, 76-77
- dt element, 21, 237
- DTD (Document Type Definition), 2
- dynamic, defined, 31
- Dynamic HTML (DHTML), 43. *See also* scripts
- dynamic pseudo classes (CSS), 162, 262-265

E

- element backgrounds
 - color in, 122-123
 - images in, 127
- element selectors (CSS), 262
- elements
 - a, 23, 163, 228
 - abbr, 228



acronym, 228
address, 229
applet, 229
area, 229
b, 230
base, 230
basefont, 230
bdo, 231
big, 231
block-level elements, 227
blockquote, 231
body, 9, 102, 183-184, 232
br, 232
button, 232
caption, 56, 233
center, 233
cite, 233
code, 233
col, 63-65, 234
colgroup, 65, 234
dd, 235
definition lists, 21
del, 235
dfn, 235
dir, 236
div, 209, 236
dl, 236
dt, 237
em, 237
embed, 42
empty elements, 227
fieldset, 83-84, 237
font, 238
form, 70, 238
frame, 91, 238
frameset, 91-92, 95, 239
h#, 239
head, 5, 111, 239
headers, 14
hr, 240
html, 4, 198, 240
i, 241
iframe, 241
img, 32-33, 42, 241
inline elements, 227
input, 71-74, 81-82, 242
ins, 242
isindex, 242
kbd, 243
label, 82, 243
legend, 83-84, 243
li, 244
line breaks, 16
link, 5, 113, 244
links, 23
map, 244
menu, 245
meta, 5, 7-8, 245
noframes, 101-102, 245
nonempty elements, 227
noscript, 45-46, 246
object, 40-41, 246
ol, 246
optgroup, 85, 247
option, 76, 247
ordered lists, 17
p, 248
paragraphs, 15
param, 248
pre, 248
q, 249
root, 4
 absolute positioning to, 200-201
 as containing block, 198
s, 249
samp, 249
script, 5, 43-44, 250
select, 76, 250
small, 250
span, 251
strike, 251
strong, 251
structural elements, 227
style, 5, 111, 252
sub, 252
table, 50-51, 253
tbody, 66, 253
td, 53, 254
textarea, 78-79, 254
tfoot, 66, 254
th, 54, 255
thead, 66, 255
title, 5-6, 255
tr, 52, 256
tt, 256
u, 256

- ul, 256
- unordered lists, 18
- var, 257
- em element, 237
- email links, 24-25
- embed element, 42
- embedded style sheets, 108, 111
- embedding
 - multimedia files
 - with embed element, 42
 - with object element, 40-41
 - scripts, 43-44
- empty elements, 227
- empty-cells property, 279
- entities. *See* character entities
- Eric Meyer's CSS Edge website, 178
- Examples
 - absolute linking, 22
 - absolutely positioning a block to its containing block, 202
 - absolutely positioning a block to the root element, 200
 - accessibility features in mailto: links, 25
 - adding content to template, 28
 - alt text description, 35
 - background color for hover state, 164
 - background images for sophisticated navigation effects, 176
 - border attribute, 37
 - border property styles, 188
 - borderless frames, 99
 - borderless frames in older browsers, 100
 - check boxes in forms, 73
 - classes to apply images to ordered lists, 170
 - col element, 63
 - colgroup element, 65
 - coloring text, 148
 - combining colspan and rowspan attributes, 62
 - combining columns and rows in framesets, 95
 - combining nested list types, 20
 - commenting CSS, 116
 - complex layout with centering, positioning, and floats, 224
 - containing blocks, 197
 - document and background elements with color added, 123
 - decorating text with CSS, 150
 - denoting sections with comments, 10
 - details added to multimedia links, 39
 - DOCTYPE declaration for XHTML 1.0 Transitional, 2
 - drop-down form menu, 76
 - embedded style sheets, 111
 - embedding a script, 43
 - embedding Flash movie file with object and embed elements, 42
 - embedding Flash movie file with object element, 41
 - fixed centered design, 222
 - fixed positioning, 206
 - floating div elements, 209
 - floating images, 208
 - floats for layout, 218
 - fluid centered design, 223
 - font styles for links, 164
 - fonts for page elements, 143
 - form fields using fieldset element, 83
 - four-column frame page, 93
 - frameset DOCTYPE declaration, 91
 - frameset document structure, 91
 - frameset with two frame elements, 91
 - graphical submit button, 81
 - grouping table rows, 66
 - head section, 5
 - headers with logical content, 14
 - hexadecimal color, 120
 - hexadecimal shorthand color, 120
 - hiding script with comments, 45
 - hiding text content and markup with comments, 10
 - horizontal list navigation with color effects, 177
 - HTML comments to hide CSS, 117
 - HTML for linked style sheet, 112
 - identifying text input with name and id attributes, 71
 - image in document body, 32
 - image-based bullets, 171
 - importing style with embedded sheet, 114
 - inline frames, 103
 - inline styles demonstrating three marker keywords for unordered lists, 171
 - input textboxes, 71
 - intrapage links, 26

- label element, 82
- letter and word spacing, 156
- line breaks, 16
- line height, 155
- linked style sheet, 112
- linking the image, 36
- linking to absolute address, 23
- linking to audio and video, 38
- linking to scripts, 44
- linking to specific location, 27
- list navigation with background images, 178
- list of links, 174
- list styles, 175
- longhand background styles, 136
- mailto: attribute, 24
- margin values for body element, 183
- margins, resizing, and scrolling in frames, 96
- marking up paragraphs, 15
- meta element for keywords, 8
- meta element for page authorship, 8
- meta element for site or page description, 8
- meta element to declare document encoding for Cyrillic with ISO, 7
- meta element to declare document encoding with Unicode, 7
- method and action attributes in form element, 70
- modifying text input with size and maxlength attributes, 72
- multiple definitions within a list, 21
- multiple link styles, 166
- multiple links with ID and descendant selectors, 167
- naming frames, 97
- negative margins, 185
- nested float layout, 220
- nesting ordered list within ordered list, 19
- noframes element, 101
- normal flow in browser, 195
- noscript element, 46
- optgroup element, 85
- ordered list, 17
- padding properties to add whitespace, 190
- percentages to create fluid layout, 219
- placing the body element, 9
- positioning a background graphic with percentage, length, and keywords, 131
- preselecting check boxes or radio buttons in forms, 75
- providing guidance with comments, 10
- pseudo element selectors, 157
- radio buttons in forms, 74
- range of margin values, 184
- relative positioning, 204
- reset and submit buttons, 80
- root HTML element, 4
- root HTML element with XML namespace attribute and value, 4
- rowspan attribute to span two rows, 58
- spanning columns within table header, 60
- spanning three columns, 61
- spanning three rows in table cell, 59
- specific location for linking to, 27
- styles describing font family, size, and weight, 146
- styles describing font family, size, weight, and style, 147
- styling links with pseudo class and dynamic pseudo class selectors, 162
- styling two floating boxes, 210
- subject attribute, 25
- table caption, 56
- table headers for table columns, 54
- table headers for table rows, 55
- table styles with element and class selectors, 124
- table summary, 57
- table with percentage (fluid) width, 50
- table with pixel (fixed) width, 50
- table with row, 52
- table with single row and three columns, 53
- targeting frames with target and name attributes, 97
- text area with name and id attributes, 79
- text areas, 78
- three-column layout with fixed flanks and fluid center, 216
- title attribute and value, 23
- title element, effective use of, 6
- title element, ineffective use of, 6
- transforming and varying text with CSS, 153
- transparent background color, 134
- two-column frame page, 92

- two-row frame page, 94
 - unordered list, 18
 - viewing structure of XHTML document, 11
 - z-index with positioned boxes, 212
- F**
- fantasy fonts, 140
 - fields in forms, grouping, 83-84
 - fieldset element, 83-84, 237
 - file formats. *See* formats
 - file sizes, multimedia files, 39
 - first letter/line of text, styling, 157
 - :firstchild pseudo class, 263
 - :firstletter pseudo element, 157, 263
 - :firstline pseudo element, 157, 264
 - fixed background images, 132-133
 - fixed positioning (CSS), 206-207
 - fixed value table widths, 50
 - fixed, centered design with three columns (CSS layout), 224-225
 - Flash animations. *See also* multimedia
 - embedding
 - with embed element, 42
 - with object element, 41
 - Macromedia Flash website, 41
 - Flash forms, 69
 - flash of unstyled content (FOUC), 115
 - float property, 279
 - floating frames. *See* iframes
 - floats (CSS)
 - clearing, 210-211
 - defined, 193, 208-209
 - fixed, centered design with three columns (CSS layout), 224-225
 - nested float layout, 220-221
 - three columns with masthead and footer (CSS layout), 218-219
 - website for information, 219
 - fluid value table widths, 50
 - :focus dynamic pseudo class, 264
 - focus link state, 162
 - font element, 238
 - font families, 140, 142-143
 - font family keywords (CSS), 142
 - font property, 158, 280
 - font-family property, 142-143, 280
 - font-size property, 144-145, 280
 - font-size-adjust property, 158
 - font-stretch property, 158
 - font-style property, 147, 281
 - font-variant property, 153-154, 281
 - font-weight property, 146, 282
 - fonts. *See also* text
 - applying, 142-143
 - CSS shorthand, 158
 - selecting, 140-141
 - sizing, 144-145, 158
 - stretching, 158
 - style, 147, 164-165
 - unsupported properties, 158
 - warning about, 139
 - weight, 146
 - footers, three columns with masthead and footer (CSS layout), 218-219
 - for attribute, 82
 - form element, 70, 238
 - form-processing scripts, 70
 - formats, image, 31
 - formatting CSS, 117
 - forms
 - check boxes
 - adding, 73
 - preselecting, 75
 - customizing, 86
 - fields, grouping, 83-84
 - form element, 70
 - importance of, 69
 - input textboxes, adding, 71-72
 - label element, 82
 - menus
 - adding, 76-77
 - grouping items, 85
 - password input fields, adding, 72
 - processing, 86
 - radio buttons
 - adding, 74
 - preselecting, 75
 - reset buttons, adding, 80
 - submit buttons
 - adding, 80
 - customizing, 81
 - text areas, adding, 78-79
 - usage examples, 87
 - FOUC (flash of unstyled content), 115
 - frame element, 91, 238

frameborder attribute, 99-100
 frames. *See also* framesets
 advantages and disadvantages of, 89
 body element, 102
 borders, eliminating, 99-100
 documents required for, 90
 iframes, 103-104
 margins, 96
 naming, 97-98
 noframes element, 101-102
 resizing, 96
 scrolling, 96
 targeting, 97-98
 frameset element, 91-92, 95, 239
 framesets
 columns
 adding, 92-93
 combining with rows, 95
 creating, 91
 defined, 90
 rows
 adding, 94
 combining with columns, 95
 framespacing attribute, 100

G

GIF file format, 31
 graphics. *See* images
 grouping
 form fields, 83-84
 form menu items, 85
 selectors, 127
 table columns
 with col element, 63-64
 with colgroup element, 65
 table rows, 66

H

h# element, 14, 239
 hacking CSS, 115
 handwriting fonts, 140
 head element, 5, 111, 239
 headers, 14, 54-55
 height property, 282

height values of images, 34
 hexadecimal color in CSS, 120
 hiding
 CSS with HTML comments, 117
 scripts from browsers, 45
 text, 10
 horizontal axis, tiling background images, 128
 horizontal navigation
 with color, 177
 with images, 178
 :hover dynamic pseudo class, 162, 178, 264
 hover link state, 162
 hr element, 240
 href attribute, 23, 113
 HTML comments, 10
 hiding CSS with, 117
 hiding scripts from browsers, 45
 html element, 4, 198, 240
 HTML pages
 building template
 body element, 9
 head element, 5
 HTML comments, 10
 html element, 4
 meta element, 7-8
 saving final template, 11
 title element, 6
 declaring, 2-3
 forms. *See* forms
 frames. *See* frames
 images. *See* images
 importing style sheets directly, 114-115
 links. *See* links
 multimedia. *See* multimedia
 scripts. *See* scripts
 tables. *See* tables
 text. *See* text
 validating, 12
 hyperlinks. *See* links

I

i element, 241
 id attribute, 27, 71, 73, 79, 82
 ID selectors (CSS), 167, 261
 IE. *See* Internet Explorer
 iframe element, 241

iframes, 103-104

images

- alternative text, 35
- background images
 - attaching, 126-127
 - positioning, 130-131
 - scrolling versus fixed, 132-133
 - tiling, 128-129
- defined, 31
- flowing content around, 208
- formats for, 31
- horizontal navigation with, 178
- img element, 32-33, 42, 241
- linking, 36-37
- in ordered list styling, 169
- removing border, 37
- as submit buttons in forms, 81
- in unordered list styling, 171
- vertical navigation with, 176
- width and height values, 34

img element, 32-33, 42, 241

imported style sheets, 109, 114-115

indenting text, 151-152

inherit value (CSS properties), 129

inheritance (CSS), 109, 163

inline elements, 227

inline frames. *See* iframes

inline style sheets, 108, 110

input element, 71-74, 81-82, 242

input textboxes in forms, adding, 71-72

ins element, 242

Internet Explorer

- borderless frames in, 100
- col and colgroup element support, 65
- fixed positioning in, 206
- font sizing, 144
- FOUC (flash of unstyled content), 115
- :hover selector support, 178
- margin values, 183

intrapage links, 26-27

isindex element, 242

ISO 8859-1 character set, 7

ISPs (Internet Service Providers),

- form-processing scripts, 70

italic fonts, 147, 164-165

J-K

Java applets. *See* multimedia

JavaScript. *See* scripts

JPEG file format, 31

justified text, 149

kbd element, 243

keywords

- absolute keywords for font sizing, 144
- font family keywords (CSS), 142
- in meta element, 8
- relative keywords for font sizing, 144

L

label attribute, 85

label element, 82, 243

lang attribute, 4

:lang pseudo class, 265

layout, table usage for, 49, 61

layouts (CSS). *See also* positioning (CSS)

- browser support for, 215
- centered designs, 222-223
- fixed, centered design with three columns, 224-225
- nested float, 220-221
- three columns with fixed flanking menus, 216-217
- three columns with masthead and footer, 218-219

leading (of text), setting, 155

left-aligned text, 149

legend element, 83-84, 243

length values for font sizing, 144-145

letter-spacing property, 156, 282

letters, spacing, 156

li element, 17, 244

line boxes (CSS), 181

line breaks, 16

line height, setting, 155

line-height property, 155, 283

line-through text, 150

link element, 5, 113, 244

:link link pseudo class, 162, 265

link link state, 162



- linked style sheets
 - creating, 112-113
 - defined, 108
 - importing style sheets into, 115
- linking to scripts, 44
- links
 - absolute linking, 22
 - accessibility, 23
 - adding to template, 28-29
 - email links, 24-25
 - horizontal navigation
 - with color, 177
 - with images, 178
 - from images, 36-37
 - intrapage links, 26-27
 - modifying styles, 164-165
 - to multimedia files, 38-39
 - multiple styles of, 166
 - relative linking, 22
 - states of, 162-163
 - styling with descendant selectors, 167-168
 - syntax, 23
 - vertical navigation
 - with color, 174-175
 - with images, 176
- list menus in forms, adding, 77
- List-O-Matic website, 179
- list-style property, 173, 283
- list-style-image property, 171, 283
- list-style-position property, 172, 284
- list-style-type property, 169, 284
- Listamatic website, 179
- lists
 - CSS shorthand, 173
 - definition lists, 21
 - horizontal navigation
 - with color, 177
 - with images, 178
 - nesting lists, 19-20
 - ordered lists, 17, 169-170
 - unordered lists, 18, 171-172
 - vertical navigation
 - with color, 174-175
 - with images, 176
- lowercasing text, 153

M

- Macromedia Flash website, 41
- magic target names (frames), 98
- mailto: attribute, 24
- map element, 244
- margin property, 186, 284
- margin-bottom property, 286
- margin-left property, 285
- margin-right property, 285
- margin-top property, 285
- marginheight attribute, 96
- margins in frames, 96
- margins (CSS), 183-184
 - negative margins, 185, 222
 - shorthand, 186
- marginwidth attribute, 96
- mastheads, three columns with masthead and
 - footer (CSS layout), 218-219
- max-height property, 286
- max-width property, 286
- maxlength attribute, 72
- media. *See* multimedia
- media attribute, 113
- menu element, 245
- menus in forms
 - adding, 76-77
 - grouping items, 85
- meta element, 5, 7-8, 245
- method attribute, 70, 80
- min-height property, 287
- min-width property, 287
- monospace fonts, 140
- Mozilla
 - col and colgroup element support, 65
 - margin values, 183
- multimedia
 - defined, 31
 - embedding
 - with embed element, 42
 - with object element, 40-41
 - links to, 38-39
 - multiple attribute, 77

N

- name attribute, 26-27, 71, 73-74, 78, 97
- names for CSS colors, 121
- namespace. *See* XML namespace

naming frames, 97-98
 navigation. *See also* links
 horizontal navigation
 with color, 177
 with images, 178
 vertical navigation
 with color, 174-175
 with images, 176
 negative margins (CSS), 185, 222
 nested float (CSS layout), 220-221
 nesting
 framesets, 95
 lists, 19-20
 Netscape
 borderless frames in, 100
 CSS in, 114
 noframes element, 101-102, 245
 nonempty elements, 227
 noresize attribute, 96
 normal flow, 195-196, 204-205
 noscript element, 45-46, 246
 numbered lists. *See* ordered lists

O

object element, 40-41, 246
 objects, 40
 oblique faces, 147
 octothorpe (#), intrapage links, 26
 ol element, 17, 246
 online banking, Wells Fargo website, 87
 optgroup element, 85, 247
 option element, 76, 247
 order of precedence, CSS rules, 109
 ordered lists, 17, 169-170
 nesting, 19-20
 orientation, 6
 outdenting text, 152
 outline property, 288
 outline-color property, 288
 outline-style property, 288
 outline-width property, 289
 overflow property, 289
 overlapping table cells, 59
 overlined text, 150

P

p element, 15, 248
 padding (CSS), 190-191
 padding property, 191, 290
 padding-bottom property, 190, 291
 padding-left property, 190, 291
 padding-right property, 190, 290
 padding-top property, 190, 290
 page breaks. *See* line breaks
 page-break-after property, 291
 page-break-before property, 292
 page-break-inside property, 292
 pages. *See* HTML pages
 paragraphs, 15
 param element, 248
 parameter attribute, 41
 password input fields in forms, adding, 72
 percentage values
 font sizing, 145
 table widths, 50
 pixel value table widths, 50
 PNG file format, 31
 position property, 292
 positioning background images, 130-131
 positioning (CSS). *See also* layouts (CSS)
 absolute positioning
 to containing block, 202-203
 to root element, 200-201
 browser viewport, 199
 containing blocks, 197-198
 defined, 193-194
 fixed positioning, 206-207
 normal flow, 195-196
 relative positioning, 204-205
 static positioning, 207
 types of, 194
 pound sign. *See* octothorpe
 pre element, 248
 precedence, CSS rules, 109
 preselecting
 check boxes or radio buttons in forms, 75
 drop-down form menu choices, 76
 properties (CSS)
 background, 136-137, 266
 background-attachment, 132-133, 266
 background-color, 122, 134-135, 266



background-image, 126, 267
 background-position, 130-131, 267
 background-repeat, 128-129, 267
 border, 189, 268
 border-bottom, 271
 border-bottom-color, 272
 border-bottom-style, 273
 border-bottom-width, 275
 border-collapse, 268
 border-color, 187, 269
 border-left, 271
 border-left-color, 187, 272
 border-left-style, 274
 border-left-width, 275
 border-right, 270
 border-right-color, 272
 border-right-style, 187, 273
 border-right-width, 275
 border-spacing, 269
 border-style, 187, 269
 border-top, 270
 border-top-color, 271
 border-top-style, 273
 border-top-width, 187, 274
 border-width, 187, 276
 bottom, 276
 caption-side, 276
 clear, 210, 218, 277
 clip, 277
 color, 148, 277. *See also* color in CSS
 content, 278
 cursor, 278
 defined, 108
 direction, 278
 display, 177, 279
 empty-cells, 279
 float, 279
 font, 158, 280
 font-family, 142-143, 280
 font-size, 144-145, 280
 font-size-adjust, 158
 font-stretch, 158
 font-style, 147, 281
 font-variant, 153-154, 281
 font-weight, 146, 282
 height, 282
 letter-spacing, 156, 282
 line-height, 155, 283
 list-style, 173, 283
 list-style-image, 171, 283
 list-style-position, 172, 284
 list-style-type, 169, 284
 margin, 186, 284
 margin-bottom, 286
 margin-left, 285
 margin-right, 285
 margin-top, 285
 max-height, 286
 max-width, 286
 min-height, 287
 min-width, 287
 outline, 288
 outline-color, 288
 outline-style, 288
 outline-width, 289
 overflow, 289
 padding, 191, 290
 padding-bottom, 190, 291
 padding-left, 190, 291
 padding-right, 190, 290
 padding-top, 190, 290
 page-break-after, 291
 page-break-before, 292
 page-break-inside, 292
 position, 292
 quotes, 293
 right, 293
 table-layout, 294
 text-align, 149, 294
 text-decoration, 150, 165, 294
 text-indent, 151-152, 295
 text-shadow, 158
 text-transform, 153-154, 295
 top, 295
 unicode-bidi, 296
 vertical-align, 296
 visibility, 297
 white-space, 297
 width, 297
 word-spacing, 156, 298
 z-index, 298
 pseudo classes (CSS), 162
 inheritance, 163
 types of, 262-265
 pseudo element selectors (CSS)
 for links, 162
 for text, 157
 types of, 262-265

Q-R

- q element, 249
- quotes property, 293
- radio buttons in forms
 - adding, 74
 - preselecting, 75
- ragged right text, 149
- rel attribute, 113
- relative keywords for font sizing, 144
- relative length values for font sizing, 144-145
- relative linking, 22
- relative positioning (CSS), 204-205
- removing
 - frame borders, 99-100
 - image border, 37
 - underlined text from links, 165
- reset buttons in forms, adding, 80
- resizing
 - browsers, 195-196
 - frames, 96
- RGB percentages in CSS, 121
- RGB values in CSS, 121
- rich, defined, 31
- right property, 293
- right-aligned text, 149
- root element, 4
 - absolute positioning to, 200-201
 - as containing block, 198
- rows
 - in framesets
 - adding, 94
 - combining with columns, 95
 - in tables
 - adding, 52
 - grouping, 66
 - spanning, 58-59, 62
- rows attribute, 78, 94
- rowspan attribute, 58-59, 62
- rules (CSS)
 - defined, 108
 - formatting, 117
 - order of precedence, 109

S

- s element, 249
- Safari, small caps text in, 154
- samp element, 249
- sans-serif fonts, 140
- saving HTML page template, 11
- script element, 5, 43-44, 250
- scripts
 - defined, 31, 43
 - embedding, 43-44
 - hiding from browsers, 45
 - linking to, 44
 - noscript element, 45-46
 - websites for, 46
- scrollbars in browsers, 199
- scrolling
 - and accessibility, 133
 - background images, 132-133
 - in frames, 96
- scrolling attribute, 96
- search engines and keywords in meta
 - element, 8
- select element, 76, 250
- selected attribute, 76-77
- selecting fonts, 140-141
- selectors (CSS)
 - class selectors, 124
 - multiple link styles, 166
 - versus ID selectors, 167
 - defined, 108
 - descendant selectors, 167-168
 - grouping, 127
 - ID selectors, 167
 - pseudo element selectors
 - for links, 162
 - for text, 157
 - types of, 260-265
 - universal selector, 204
- serif fonts, 140
- SGML (Standardized General Markup Language), 2
- shadows, creating drop shadows, 158
- shorthand (CSS), 137
 - backgrounds, 136-137
 - borders, 189
 - fonts, 158
 - hexadecimal color, 120



- lists, 173
 - margins, 186
 - padding, 191
 - size attribute, 72, 77
 - sizes. *See* file sizes; height values; width values
 - sizing fonts, 144-145, 158
 - small caps text, 153
 - small element, 250
 - spacing
 - in tables, 51
 - text, 156
 - span attribute, 63
 - span element, 251
 - spanning
 - table columns, 60-62
 - table rows, 58-59, 62
 - specific locations, linking to. *See* intrapage links
 - specificity (CSS), 109
 - src attribute, 32
 - Standardized General Markup Language (SGML), 2
 - static positioning (CSS), 207
 - stretching fonts, 158
 - strike element, 251
 - strong element, 251
 - structural elements, 227
 - structure. *See also* HTML pages, building
 - template
 - document tree, 29
 - of framesets, 91
 - importance of, 47
 - style attribute, 110
 - style element, 5, 111, 252
 - style of fonts, 147, 164-165
 - style sheets. *See also* CSS
 - embedded style, applying, 111
 - importing
 - into documents, 114-115
 - into linked style sheets, 115
 - inline style, applying, 110
 - linked style, creating, 112-113
 - types of, 108-109
 - sub element, 252
 - subdirectories
 - for images, 32
 - for multimedia, 38
 - subject attribute, 25
 - submit buttons in forms
 - adding, 80
 - customizing, 81
 - summaries in tables, adding, 57
 - summary attribute, 57
 - sup element, 252
 - switching DOCTYPE, 3
 - syntax
 - DOCTYPE declarations, 2
 - formatting CSS rules, 117
 - HTML comments, 10
 - links, 23
- T**
- tabindex attribute, 23, 25
 - table element, 50-51, 253
 - table-layout property, 294
 - tables
 - accessibility, 57
 - background color in, 124-125
 - borders, 51
 - captions, adding, 56
 - cells
 - adding, 53
 - overlapping, 59
 - columns
 - grouping, 63-65
 - spanning, 60-62
 - headers, adding, 54-55
 - layout usage of, 49, 61
 - rows
 - adding, 52
 - grouping, 66
 - spanning, 58-59, 62
 - spacing in, 51
 - summaries, adding, 57
 - table element, 50-51
 - width, setting, 50-51
 - tags. *See* elements
 - target attribute, 97
 - targeting frames, 97-98
 - tbody element, 66, 253
 - td element, 53, 254
 - template. *See also* HTML pages, building
 - template
 - adding content to, 28-29
 - structure of, 11

- text. *See also* fonts
 - adding to template, 28-29
 - aligning, 149
 - alternative text for images, 35
 - coloring, 148
 - decorating, 150
 - definition lists, 21
 - drop shadows, 158
 - font families, applying, 142-143
 - headers, 14
 - hiding, 10
 - indenting, 151-152
 - line breaks, 16
 - line height, 155
 - nesting lists, 19-20
 - ordered lists, 17
 - paragraphs, 15
 - spacing, 156
 - styling first letter/line, 157
 - transforming case, 153-154
 - underlined text, removing from links, 165
 - unordered lists, 18
 - unsupported properties, 158
 - varying, 153-154
 - text-align property, 149, 294
 - text-decoration property, 150, 165, 294
 - text-indent property, 151-152, 295
 - text-shadow property, 158
 - text-transform property, 153-154, 295
 - textarea element, 78-79, 254
 - textareas in forms, adding, 78-79
 - textboxes in forms. *See* input textboxes in forms
 - tfoot element, 66, 254
 - th element, 54, 255
 - thead element, 66, 255
 - three columns with fixed flanking menus (CSS layout), 216-217
 - three columns with masthead and footer (CSS layout), 218-219
 - tiling background images, 128-129
 - title attribute, 23, 25, 39
 - title element, 5-6, 255
 - top property, 295
 - tr element, 52, 256
 - tracking (of text), setting, 156
 - transforming text case, 153-154
 - transitional design, 49
 - transparent backgrounds, 134-135
 - tt element, 256
 - type attribute, 71, 73, 81, 111, 113
 - typography. *See* fonts; text
- ## U
- u element, 256
 - ul element, 18, 256
 - underlined text, 150
 - removing from links, 165
 - Unicode character sets, 7
 - unicode-bidi property, 296
 - universal selectors (CSS), 204, 262
 - unordered lists, 18, 171-172
 - uppercasing text, 153
 - usability and link styles, 164. *See also* accessibility
 - user style sheets, 108
 - UTF-8 character set, 7
- ## V
- validation, 1, 12
 - validators, 3
 - valign attribute, 64
 - value attribute, 74, 80
 - var element, 257
 - varying text, 153-154
 - vertical axis, tiling background images, 128-129
 - vertical navigation
 - with color, 174-175
 - with images, 176
 - vertical-align property, 296
 - video files, links to, 38-39. *See also* multimedia
 - viewport
 - defined, 9, 199
 - fixed positioning to, 206-207
 - visibility property, 297
 - :visited link pseudo class, 162, 265
 - visited link state, 162

W

- Web, origin of, 13
- web browsers. *See* browsers
- web graphics. *See* images
- websites
 - Crazy Netscape Navigator Frame Tricks
 - Page, 94
 - CSS Zen Garden, 138
 - Eric Meyer's CSS Edge, 178
 - floats information, 219
 - font sizing information, 145
 - forms processing information, 86
 - FOUC (flash of unstyled content)
 - information, 115
 - hacking CSS, 115
 - List-O-Matic, 179
 - Listamatic, 179
 - Macromedia Flash, 41
 - negative margins information, 185
 - for scripts, 46
 - table accessibility information, 57
 - for validating HTML pages, 12
 - Wells Fargo (online banking), 87
- weight of fonts, 146
- Wells Fargo website, 87
- white-space property, 297
- whitespace. *See* padding (CSS)
- width attribute, 50-51, 63
- width of borders (CSS), 187
- width property, 297
- width values of images, 34
- word-spacing property, 156, 298
- words, spacing, 156

X-Z

- x-axis, tiling background images, 128
- XHTML, XML namespace for, 4
- XHTML 1.0 Transitional DTD, 2-3
- XHTML annotated reference, 227
- XML namespace for XHTML, 4
- xml:lang attribute, 4
- xmlns attribute, 4
- y-axis, tiling background images, 128-129
- z-index (CSS), 193, 212-213
- z-index property, 298

