Index

& (ampersand), 23–24
(#) sign, 100
: (colon), 96
; (semicolon), 137
@ import keyword, 158
@font-face pseudo-class, 331, 340
< (less-than sign), 23–24
> (greater-than sign), 23–24
6 Lightbox Plugins for WordPress Web site, 277

● A ●

A List Apart Magazine Web site, 374
<a> tag, 156
absolute links, 93
absolute value measurements, 133
Accept attribute, 246
AcceptCharset attribute, 246
acronym (rarely used) attribute, 316
action attribute, 225, 226
:active pseudo class, 174, 207
addresses, 300
AddThis Web site, 258
Adobe Fireworks tool, 367
Adobe Flash program, 308
Adobe Photoshop tool, 366–367
:after pseudo class, 207
Align attribute, 317
Align deprecated attribute, 125
aligning
images, 114
text, 182–183
alink attribute, 317
All media type, 158
alt attribute, 117, 125, 240
alternative text, 110–112
American Standard Code for Information Interchange (ASCII), 22–23
ampersand (&), 23–24
Analytics tool, 23–24
anchor elements, 371
anchor elements, 91, 93, 101
animations, 338–339
Apple company, 308
applet attribute, 316
applet element, 123–124
applets, 213
Aptana Studio tool, 364
archive attribute, 125, 317
<area /> element, 116
aria-* attribute, 315
<article> element, 311
ASCII (American Standard Code for Information Interchange), 22–23
<aside> element, 311
async (script) attribute, 313
attributes
  element-specific attributes, 312–314
  forms, 225–226
  global HTML5 attributes, 315
  images, 116–117
  overview, 17
  removed from HTML5, 316–318
<audio> element, 311
aural media type, 158
aural styles, 167
autofocus (input) attribute, 313
autofocus (input, select, textarea, button) attribute, 313

● B ●

background attribute, 125, 176, 317
background property, 132, 192
background-attachment property, 192
BackgroundColor property, 159, 176, 192
BackgroundImage property, 159, 192
background-position property, 192
background-repeat property, 192
backgrounds
color, 192
CSS3, 334
image, 192–193
overview, 175–176
bandwidth, 296–297
basefont (presentational)
attribute, 316
basefont deprecated element, 123
:before pseudo class, 207
bgcolor attribute, 125, 317
blank value, 98
blink value, 187
<blockquote> element, 77
blocks of text
aligning text, 182–183
block quotes, 77–78
horizontal rules, 80–82
indenting text, 183
preformatted text, 78–80
<body> element, 36, 71, 154–155, 286
bold text, 184
bolder value, 184
border attribute, 125, 317
Border property, 132, 163, 194
border-bottom property, 194
borders
CSS3, 332–333
images, 114
properties of, 193–195
border-style property, 162
border-width property, 163
bottom property, 161, 202
box-shadow attribute, 336
braille media type, 158
breadcrumbs, 298
broken links, 95
Browser Sandbox tools, 371
browsers
dependencies of, 349
graphical, 76–77
overview, 13–14
text, 77
windows of, 216–217
bugs
live links, 355–356
making site maps, 353–354
old links, 356
peer reviews, 358
revisiting material, 357
scheduling site reviews, 358–359
testing tools, 358
text, 354–355
user feedback, 359–360
bulleted lists, 85–87
buttons, 271

C

%CA1ign attribute type, 127
Candidate Recommendation (CR), 325
<canvas> element, 311
capitalization
markup for, 186
syntax for, 186
of URLs, 95
CAPTCHA, 249
cascading, 145–146
Cascading Style Sheets. See CSS
CDATA attribute type, 127
cellpadding attribute, 317
cellspacing attribute, 317
center (presentational)
attribute, 316
center deprecated element, 123
centimeters, 133
CGI (Common Gateway Interface), 241
CGI Resource Index, 243
char attribute, 317
characters
(X)HTML, codes, 23
codes, 378
HTML5 encoding, 309–310
non-ASCII, 22–23
spacing, 180–181
tag, 23–24
charset (meta) attribute, 313
check boxes, 230–231
Checked attribute, 246
class attribute, 138, 315
classid attribute, 317
Classification properties, 132
clear attribute, 125, 317
clear property, 202, 203–204
ClickDensity tool, 371
clients, 370
client-side scripts
  adding rollovers to pages, 265–271
  working with cookies, 272–274
  working with jQuery and FancyBox
  lightbox, 274–278
clip property, 202
CMS (Content Management System)
  customizing CSS on, 283–289
  Drupal, 281–282
  to HTML sites, 279–280
  Joomla, 282
  WordPress, 281
CMS-based Web sites, 280
Code
  deprecated attribute, 125
codebase attribute, 125, 317
codetype attribute, 317
colon (:), 96
color
  backgrounds, 175–176
  color names, 170–171
  hexadecimal color codes, 171–172
  links, 173–175
  RGB values, 172
  text, 173
%Color attribute type, 127
Color deprecated attribute, 125
color keyword, 319
color property, 159, 205, 206
cols attribute, 236
<command> element, 311
comma-separated values (CSV), 242
common font families, 177
Common Gateway Interface (CGI), 241
compact attribute, 125, 318
compressed files, 102–103
content attributes, 68
#content attributes, 68
Content Management System. See CMS
contenteditable* attribute, 315
contextmenu* attribute, 315
cookies
  expiration dates of, 274
  working with, 272–274
coords attribute, 117
cords attribute, 317
CR (Candidate Recommendation), 325
CrazyEgg tool, 371
cross-platform file formats, 106
CSS (Cascading Style Sheets)
  background properties, 191–193
  border and outline properties, 193–195
  cascading, 145–146
  changing fonts, 153–157
  custom button rollovers with, 271
  dimension properties, 195–196
  and Drupal, 285–287
  Eric Meyer’s reset, 209
  external style sheets, 144–145, 157–158
  Firebug Web site, 209
  fonts and font properties, 197–199
  image rollovers with, 268–271
  internal style sheets, 143–144
  and Joomla, 287–289
  margin and padding properties, 200–201
  markup, 26–27
  positioning, 151–153
  positioning properties, 201–204
  pseudo classes, 207–208
  sizing text fonts with, 179
  Spoon Browser Sandbox Web site, 209
  structure and syntax, 134–142
  style sheets, 130–134
  text properties, 204–206
  text rollovers with, 266–268
  using CSS with multimedia, 158–167
  visual layouts, 149–151
W3C CSS validation service, 209
W3Schools Web site, 208
CSS (Cascading Style Sheets) (continued)
Web-developer’s handbook, 210
and WordPress, 283–285
YSlow add-on, 210
CSS3
animations, 338–339
backgrounds, 334
borders, 332–333
fonts, 331–332
limitations of, 340–341
overview, 325–330
resources for, 341
shadows, 334–337
transforming content, 339–340
transitions, 337–338
CSS-Tricks Web site, 375
CSV (comma-separated values), 242
cursor property, 164, 202, 204
Cute FTP Lite program, 370
Cyberduck program, 370

data
collection forms of, 223–224
processing, 241–244
data-* attribute, 315
datalist element, 311
date keyword, 319
datetimelocal keyword, 319
declarations
(X)HTML DOCTYPE, 64–65
CSS, 136–138
HTML DOCTYPE, 64
declare attribute, 317
definition lists, 87–89
demos, 300
deprecated (X)HTML markup, 121–128
attributes, 124–127
elements, 123–124
overview, 121–123
designing
forms, 244–245
Web pages, 33–34
Web sites, 45–46
<details> element, 311
DHTML (Dynamic HTML), 265
dimension properties, 195–196
dir attribute, 315, 316
dir deprecated element, 123
direction property, 205
directory paths, 97
disabled (fieldset) attribute, 313
Display property, 161, 202
div tag, 268
DOCTYPE declarations, 64–65
document tree, 174
Document Type Definitions (DTDs), 64, 376–377
documents
(X)HTML, 63–64, 71–72
<html> element, 65
adding (X)HTML DOCTYPE declarations, 64–65
adding (X)HTML namespaces, 65–66
adding headers, 66–71
adding HTML DOCTYPE declarations, 64
headings, 26
heads, 25
images in, 27
structuring, 346
domains, 16, 57
draggable* attribute, 315
Dreamweaver tool, 362–363
Dropbox tool, 371
drop-down list fields, 234–236
DTDs (Document Type Definitions), 64, 376–377
Dynamic HTML (DHTML), 265
dynamic pages, 213
E

Easy HTML Construction Kit, 370
editors
graphics, 365–367
helper HTML, 363–365
WYSIWYG HTML, 362–363
elements
for adding document headers, 68
attributes specific to, 312–314
deprecated, 123
images, 116–117
nesting, 20
new in HTML5, 311–312
removed from HTML5, 315–316
single tags, 19–20
tag pairs, 19
<em> element, 74
e-mail
addresses, 103–104
sending form data by, 243–244
e-mail keyword, 319
<embed> element, 311
embedding
creating maps, 256–258
Flickr, 255–256
using Twitter widgets, 252–255
embossed media type, 158
empty elements, 19, 108
encoding, 309–310
Enctype attribute, 246
entities
(X)HTML character codes, 23
non-ASCII characters, 22–23
overview, 17
tag characters, 23–24
Eric Meyer’s reset, 209
expiration date of cookies, 274
eXtensible Markup Language (XHTML)
<html> element, 65
adding DOCTYPE declarations, 64–65
adding document headers, 66–71
adding HTML DOCTYPE declarations, 64
adding namespaces, 65–66
character codes, 23
creating document body, 71–72
difference from HTML, 16–17
Document Type Definitions (DTDs ), 376–377
establishing document structure, 63–64
markup, deprecated, 121–128
extensions, 96
external style sheets
importing, 145
linking, 144–145
overview, 129
externalizing style sheets, 157–158
F

Face deprecated attribute, 125
FancyBox lightbox, 274–278
feedback, 359–360
Fetch program, 370
<figcaption> element, 311
<figure> element, 311
file formats
.htm and .html, 38
GIF, 106
JPEG, 107
PNG, 107
File Transfer Protocol (FTP)
clients, 370
moving files with, 58–59
overview, 15
file upload fields, 233–234
filenames, 16, 96
files
choosing location and names for, 37
downloads, 102–103
.htm and .html formats, 38
moving to Web servers, 58–60
FireZilla program, 370
Firebug Firefox plugin, 370
Firebug Web site, 209
Fireworks tool, 367
:first-child pseudo class, 207
:first-letter pseudo class, 207
first-level headings, 76
:first-line pseudo class, 207
Flash tool, 307–308
flat files, 242
Flickr app, 255–256
float property, 202
Float/uo property, 163
flush alignment, 182
:focus pseudo class, 174, 207
font (presentational) attribute, 316
font deprecated element, 123
font property, 197
font-family property, 137, 159, 176, 197
font-family value, 188
fonts
  body text, 154–155
  character spacing, 180–181
  CSS3, 331–332
  family, 176–178, 197–198
  font property, 187–188
  headings, 155
  hyperlinks, 155–157
  line height, 179–180
  size of, 178–179, 198–199
  weight of, 198
font-size property, 159, 197, 198
font-size value, 188
font-style property, 197
font-style value, 188
font-variant property, 197
font-variant value, 188
font-weight property, 160, 197
font-weight value, 188
<footer> element, 311
For attribute, 246
form (input, output, select, textarea, button, fieldset)
  attribute, 313
form gateway page, 245
form handlers, 225
<form> element, 217, 225
formaction (input, button)
  attribute, 313
formatting text
  headings, 76–77
  paragraphs, 74–75
formenctype (input, button)
  attribute, 313
formmethod (input, button)
  attribute, 313
formnovalidate (input, button)
  attribute, 313
forms
  CAPTCHA, 249
  check boxes and radio buttons, 230–231
  customizing Submit and Reset buttons, 239–241
  designing, 244–245
  drop-down list fields, 234–236
  file upload fields, 233–234
  frameworks, 248–249
  hidden fields, 231–232
  input tags, 226–227
  markup, 246–248
  multiline text boxes, 236–237
  password fields, 229–230
  processing data, 241–244
  structure, 225–226
  Submit and Reset buttons, 237–239
  text fields, 227–229
  uses for, 221–224
  validation of, 241
formtarget (input, button)
  attribute, 313
frame (negative usage) attribute, 316
frame attribute, 318
frameborder attribute, 318
frameset (negative usage)
  attribute, 316
frameworks
  forms, 248–249
  mobile, 301–303
FTP (File Transfer Protocol)
  clients, 370
  moving files with, 58–59
  overview, 15
• G •
generic font families, 177
GIF (Graphics Interchange Format), 106
global HTML5 attributes, 315
GNU Image Manipulation Program
v(GIMP), 366
Google Analytics tool, 371
Google maps
  and Twitter mashup, 262–263
  and yelp mashup, 259–262
graphical browsers, 76–77
graphics editors
  inexpensive, 365–366
  professional, 366–367
Graphics Interchange Format (GIF), 106
greater-than sign (>) 23–24

• H •
<h1> element, 36, 75
<h4> element, 268
<h6> element, 75
handheld media type, 158
hash mark, 152
<head> element, 36, 268
<header> element, 311
headers
  CSS, 155
  formatting, 76
  giving pages titles, 66–67
  graphical browsers, 76–77
  metadata, 68–69
  redirecting users to other pages, 69–71
  text browsers, 77
height attribute, 112, 125, 318
height property, 164, 196
helper HTML editors, 363–365
hexadecimal color codes, 171–172
<hgroup> element, 311
hidden fields, 231–232
hidden* attribute, 315
horizontal rules, 80–82
hosting Web sites
  moving files to Web servers, 58–60
  obtaining domains, 57
  overview, 55–56
  using hosting providers, 56
hostname, 97
:hover pseudo class, 174, 207
<hr /> element, 80
href attribute, 104, 117, 145
hreflang (area) attribute, 313
hspace attribute, 125, 318
.htm file format, 38
HTML. See also CSS
  4.01 Frameset DOCTYPE declaration, 64
  4.01 Strict DOCTYPE declaration, 64
  4.01 Transitional DOCTYPE declaration, 64
difference with (X)HTML (eXtensible Markup Language), 16–17
document headings, 26
document heads, 25
lists, 26
paragraphs, 26
sites, comparing to CMS sites, 279–280
tables, 26
validators, 368–369
Web sites based only in, 280
<html> element, 36, 65
HTML references, online
  character codes, 378
HTML and (X)HTML Document Type
    Definitions (DTDs ), 376–377
    resource sites, 373–375
    specifications, 375–376
Open Source Notepad++ tool, 365
HTML5
  additional resources, 322
  attributes removed from, 316–318
  elements removed from, 315–316
  and Flash, 307–308
  limits to access and usage of, 320–322
  markup, 308–310
  new attributes, 312–316
  new elements, 311–312
  new input types in, 318–319
HTML5 (continued)
  sample Web pages of, 323-324
  Web APIs, 320
HTML-Kit tool, 365, 370
HTTP (Hypertext Transfer Protocol), 15, 95
http-equiv attribute, 71
hyperlinks
  absolute, 93
  broken, 95
  building image maps, 116-118
  choosing, 53-54
  color of, 173-175
  e-mail addresses, 103-104
  external style sheets, 144-145
  file downloads, 102-103
  live, 355-356
  locations in Web pages, 99-101
  new windows, 97-99
  old, 356
  overview, 27
  relative, 93-95
  text, 54
  triggering, 115-116
hypertext, 10-13
HyperText Markup Language. See HTML
HyperText Transfer Protocol (HTTP), 15, 95

<i> tag, 184
%IAlign attribute type, 127
icons used in this book, 6
id attribute, 315
id="name" attribute, 140
images
  alignment of, 114
  adding alternative and title text, 110-112
  borders of, 114
  editing software for, 172
  in HTML documents, 27
  linking, 115-118
  location of, 108
  maps, 116, 118
  optimizing, 107
  role of in Web pages, 105-106
  rollovers with CSS, 268-271
  specifying image size, 112-114
  using <img> element, 108-110
  Web-friendly, 106-108
<img> element, 20, 108-110, 112, 116
<img src> element, 257
inches, 133
indenting text, 183
inherit styles, 141-142
inline elements, 74, 93
inline styles, 129, 142, 144
<input /> element, 227, 229, 232, 240
input fields
  check boxes and radio buttons, 230-231
  customizing Submit and Reset buttons, 239-241
  drop-down list fields, 234-236
  file upload fields, 233-234
  hidden fields, 231-232
  multiline text boxes, 236-237
  password fields, 229-230
  Submit and Reset buttons, 237-239
  text fields, 227-229
input tags, 226-227
input types, 318-319
internal style sheets, 129, 143-144
Internet protocols, 15
intradocument hyperlinks, 99, 100
iPadPeek Web site, 371
iPhonetester Web site, 371
isindex attribute, 316
isindex element, 123-124
italics, 185

Java programming language, 213
JavaScript
  arranging content dynamically using, 214-216
  forms, 241
  libraries, 277
  scripting Web pages using, 212-214
Joint Photographic Experts Group (JPEG), 107
Joomla CMS, 282, 287-289
jQTouch framework, 302–303
jQuery library, 274–278
jQuery Validation Plugins Web site, 248
jQuery Web site, 277
justify keyword, 182

• K •

<keygen> element, 311
Komodo Edit software, 364
Kompozer Web page editor, 363

• L •

Label attribute, 246, 313
labeling documents
<html> element, 65
  adding (X)HTML DOCTYPE declarations, 64–65
  adding (X)HTML namespaces, 65–66
%LaAlign attribute type, 127
lang attribute, 315
:lang pseudo class, 207
Language deprecated attribute, 125
Last Call (LC), 325
LCR attribute type, 127
LCRJ attribute type, 127
left keyword, 182
left property, 162, 202
%Length attribute type, 127
less-than sign (<), 23–24
letter-spacing property, 180, 205
<li> element, 82, 84, 228
lightbox plugins, 277
lighter value, 184
line height, 179–180
line-height property, 160, 205, 206
line-height value, 188
line-through value, 187
link attribute, 317
link checkers, 367–368
Link deprecated attribute, 126
link element, 144
:link pseudo class, 174, 207
links
  absolute, 93
  broken, 95
  building image maps, 116–118
  choosing, 53–54
  color of, 173–175
e-mail addresses, 103–104
  external style sheets, 144–145
  file downloads, 102–103
live, 355–356
  locations in Web pages, 99–101
new windows, 97–99
old, 356
overview, 27
relative, 93–95
text, 54
triggering, 115–116
LinkScan program, 368
List properties, 132
lists
  bulleted, 85–87
defined, 87–89
  formatting, 83–84
  nesting, 89–90
  numbering, 84–85
overview, 26
ListStyle attribute type, 127
list-styleimage property, 160
list-styleposition property, 160
list-styletype property, 160
local pages, 13
longdesc attribute, 317
lowercase value, 186
LRAN attribute type, 127

• M •

manifest (html) attribute, 313
<map> element, 116
maps
  creating, 256–258
  elements and attributes, 116–117
  markup, 117–118
  using as visual user guides, 48–49
  using for site development, 46–48
margin properties, 132, 164, 200
margin-bottom property, 200
marginheight attribute, 318
margin-left property, 200
margin-right property, 200
margin-top property, 200
<mark> element, 312
Matt’s Script archive, 243
max (input) attribute, 313
max-height property, 196
maxlength attribute, 228
max-width property, 196
media (a, area) attribute, 313
media types, 158
menu
deprecated element, 123
<meta /> element, 68
<meta /> tags, 69
metadata
custom names, 68–69
defined, 66
elements and attributes, 68
<meter> element, 312
method attribute, 225, 246
Microsoft Expression Web 4 package, 363
millimeters, 133
MIMDisabled attribute, 246
min (input) attribute, 313
min-height property, 196
min-width property, 196
mobile Web design
addresses, 300
designing for distracted surfers, 299
designing for small screens, 297
frameworks, 301–303
location, 300–301
mobile devices, 293–296
navigating on mobile devices, 298
optimizing for low bandwidth, 297
surfing the Web on many mobile devices, 299
typing and clicking, 301
virtual demos or showcases, 300
month keyword, 319
MooTools Web site, 277
multiline text boxes, 236–237
multimedia, 158–167
multiple (input) attribute, 313
Multiple attribute, 246

N

N/A (None), 325
name attribute, 126, 230, 236, 247, 317
named locations, 100–101
namespaces, 65–66
naming
files, 37
link locations, 99
<nav> element, 312
navBar id, 150
navigation, 27, 49–52, 298
navigation bar, 150
nesting
lists, 89–90
overview, 20
tags, 141
noframes (negative usage)
attribute, 316
nohref attribute, 317
non-ASCII (American Standard Code for Information Interchange) characters, 22–23
None (N/A), 325
none value, 186, 187
nonpareil CSS references, 191
normal value, 184, 185
noshade attribute, 318
Noshade deprecated attribute, 126
Noupe Web site, 375
novalidate (input) attribute, 314
nowrap attribute, 318
nowrap deprecated attribute, 126
Number attribute type, 127
number keyword, 319
numbered lists
formatting, 83–84
numbering, 84–85
Object deprecated attribute, 126
oblique text, 185
octothorpe, 152
<ol> attributes, 84–85
<ol> element, 82, 84
online HTML references
character codes, 378
HTML and (X)HTML Document Type
Definitions (DTDs), 376–377
resource sites, 373–375
specifications, 375–376
Open Source Notepad++ tool, 365
<option> tag, 234
orphans property, 165
outline properties, 193–195
outline-color property, 194
outline-style property, 194
outline-width property, 194
<output> element, 312
outside links
choosing, 53–54
link text, 54
overflow property, 202
overlapping CSS, 152–153
overline value, 187
overflow-clip property, 202

• P •
<p> element, 36, 93
padding property, 132, 164, 200–201
padding-bottom property, 200
padding-left property, 200
padding-right property, 200
padding-top property, 200
pagebreakafter property, 165
pagebreakbefore property, 165
pagebreakinside property, 166
pages
adding alternative and title text, 110–112
adding rollovers to, 265–271
attractiveness of, 347
browsers, 13–14
CSS markup, 26–27
document headings, 26
document heads, 25
editing, 40–41
HTML5, 323–324
hypertext, 10–13
image borders and alignment, 114
image location, 108
images in HTML documents, 27
links and navigation tools, 27
links locations in, 99–101
lists, 26
local, 13
low scroll, 350
mobile Web design, 293–304
paragraphs, 26
planning design, 33–34
posting online, 41–42
processing forms on, 242–243
role of images in, 105–106
saving, 37–38
scripting, 211–220
specifying image size, 112–114
tables, 26
titles, 66–67
using <img /> element, 108–110
viewing, 38–39
Web servers, 14–15
writing HTML, 34–37
Paint Shop Pro Photo X3 graphics editor, 366
paragraphs, 26, 74–75
password fields, 229–230
paths, 16
pattern (input) attribute, 314
PDF files, 102
peer reviews, 358
Photoshop tool, 366–367
picas, 133
Picasa Web site, 258
ping (a, area) attribute, 314
%Pixel attribute type, 127
pixels, 133
placeholder (input, textarea) attribute, 314
plugins, 277
PNG (Portable Network Graphics), 107
points, 133
POP (Post Office Protocol), 15
pop-up windows, 98
Portable Network Graphics (PNG), 107
position property, 162, 202
positioning properties
clear, 203–204
CSS, 132
cursor, 204
float, 202
z-index, 202–203
Post Office Protocol (POP), 15
posting Web pages online, 41–42
pound symbol, 152
<pre> element, 79
preformatted text, 78–80
print media type, 158
processing data
processing forms on pages, 242–243
sending form data by e-mail, 243–244
profile attribute, 317
<pre> element, 312
projection media type, 158
Prompt deprecated attribute, 126
properties
background, 191–193
border and outline, 193–195
CSS, 134
dimension, 195–196
fonts and font, 197–199
margin and padding, 200–201
positioning, 201–204
text, 204–206
protocols, 15, 16
pseudo class selectors, 156
pseudo classes, 173–174, 207–208, 331
radio buttons, 230–231
ragged alignment, 182
range keyword, 319
Readonly attribute, 247
rel (area) attribute, 314
relative links
simple links, 94
site links, 94–95
relative URLs, 94
relative value measurements, 133
required (input, textarea) attribute, 314
Reset buttons
customizing, 239–241
overview, 237–239
reset style sheets, 209
rev, charset attribute, 317
reversed (ol) attribute, 314
RGB values, 172
right keyword, 182
right property, 161, 202
role* attribute, 315
rollovers, 265–271
rows attribute, 236
<rp> element, 312
<rt> element, 312
<ruby> element, 312
rules attribute, 318
s (presentational) attribute, 316
s deprecated element, 123
sandbox (iframe) attribute, 314
saving Web pages
.htm or .html, 38
choosing location and names for files, 37
scheme attribute, 317
scoped (style) attribute, 314
screen media type, 158
screens, 296, 297
Scribd Web site, 258
QuickCheck program, 368
quotation class, 180
<script> element, 217
scripting Web pages
  JavaScript, 212–214
  soliciting and verifying user input, 217–219
  using JavaScript to arrange content dynamically, 214–216
  working with browser windows, 216–217
scripts, 211
ScriptSearch Web site, 243
scrolling attribute, 318
scrolling pages, 350
seamless (iframe) attribute, 314
search forms, 222–223
search keyword, 319
<section> element, 312
<select> tag, 234, 235
selectors, 136–138
*self attribute type, 127
semicolon, 137
Sencha Touch framework, 302
servers, 58–60
server-side scripting, 220
shadows, 334–337
shape attribute, 116, 317
shorthand properties, 151, 195
showcases, 300
simple links, 94
Simple Mail Transfer Protocol (SMTP), 15
single tags, 19–20
singleton tags, 108
site maps, 354
sites. See also bugs
  building navigation, 49–52
  comparing HTML to CMS, 279–280
  content embedding, 252–258
  content of, 345–346
design, 45–46
hosting, 55–60
HTML references, 373–375
links, 94–95
mapping, 46–49
maps, 353–354
mashups, 258–263
navigate, 349–350
planning outside links, 53–54
scheduling reviews, 358–359
structuring documents, 346
6 Lightbox Plugins for WordPress
  Web site, 277
sixth-level headings, 76
size attribute, 126, 228, 247, 318
Size properties, 132
sizes (link) attribute, 314
sizing text
  character spacing, 180–181
  font size, 178–179
  line height, 179–180
SlideShare Web site, 258
Smashing Magazine Web site, 374
SMTP (Simple Mail Transfer Protocol), 15
soliciting user input, 217–219
SourceForge LinkChecker program, 368
spacing properties, 200–201
span element, 139
specifications, 375–376
spellcheck* attribute, 315
Spoon Browser Sandbox Web site, 209
src attribute, 110, 240
srcdoc (iframe) attribute, 314
standby attribute, 317
start attribute, 84, 314
Start deprecated attribute, 126
step (input) attribute, 314
strike (presentational) attribute, 316
strike deprecated element, 123
<strong> element, 74
style attribute, 315
style classes, 138–140
style IDs, 140–141
style sheets
  external, 144–145, 157–158
  internal, 143–144
  overview, 130–134
<style> element, 143, 150
Submit buttons
  customizing, 239–241
  overview, 237–239
<summary> element, 312
syntax
- for applying bold, 184
- for applying italic, 185
- for changing capitalization, 186
- for indenting text, 183
- overview, 17
- for text alignment, 182
- for text decoration, 187

- **T** -

  Tabindex attribute, 247, 315
  Table properties, 132
  tables, 26
  tab-separated values (TSV), 242
  tag characters, 23–24
  tag pairs, 19
  tags, 347–348
  %TAlign attribute type, 127
  target (base, a, area) attribute, 314
  target attribute, 317
  tel keyword, 319
  testing tools, 358
  text
    - aligning, 182–183
    - alternative, 110–112
    - body element, 154–155
    - bold, 184
    - browsers, 77
    - bugs, 354–355
    - changing capitalization, 185–186
    - color properties, 206
    - controlling text blocks, 77–82
    - decoration property, 187
    - fields, 227–229
    - formatting, 74–77
    - indenting, 183–184
    - italic, 184–185
    - line-height properties, 206
    - rollovers with CSS, 266–268
    - sizing, 178–181
    - title, 110–112
    - two-dimensional, 351
  text, blocks of
    - block quotes, 77–78
    - horizontal rules, 80–82
    - preformatted text, 78–80
  text attribute, 317
  %Text attribute type, 127
  Text deprecated attribute, 126
  text-align property, 160, 182, 205
  `<textarea>` element, 236
  text-decoration property, 160, 205
  text-indent property, 205
  text-shadow property, 205
  text-transform property, 185, 205
  time keyword, 319
  `<time>` element, 312
  title attribute, 111, 315
  title text, 110–112
  `<title>` element, 36, 67
  tools
    - Adobe Fireworks, 367
    - Adobe Photoshop, 365–367
    - Analytics, 371
    - Aptana Studio, 364
    - Browser Sandbox, 371
    - ClickDensity, 371
    - CrazyEgg, 371
    - Dreamweaver, 362–363
    - Dropbox, 371
    - Flash, 307–308
    - Google Analytics, 371
    - HTML-Kit, 365, 370
    - for navigation, 27
    - testing, 358
    - Web, 370–371
  Top property, 161, 202
  transitions, 337–338
  triggering links, 115–116
  TSV (tab-separated values), 242
  tt (presentational) attribute, 316
  Tty media type, 158
  tweets, 252
Twitter Web site
mashup with Google maps, 262–263
supporters, 373–376
widgets, 252–255
type attribute, 85, 229, 232, 314
Type deprecated attribute, 126

• U •

u (presentational) attribute, 316
u deprecated element, 123
UI (user interface), 43, 58
<ul> element, 228
under construction sections, 48
underline value, 187
uppercase value, 186
%URI attribute type, 127
URL (Uniform Resource Locator)
capitalization of, 95
overview, 15–16
relative, 94
url keyword, 319
user agents, 318
user feedback, 359–360
user interface (UI), 43, 58

• V •

validation, 241, 368–369
Validatious Web site, 248
valign attribute, 318
value attribute, 230, 247, 314
value deprecated attribute, 126
values, 134
version attribute, 317
Version deprecated attribute, 126
vertical-align property, 205
<video> element, 312
virtual demos, 300
visibility property, 162, 202
:visited pseudo class, 174, 207
visual layouts, 149–151
vlink attribute, 317
vlink deprecated attribute, 126
vspace attribute, 318
vspace deprecated attribute, 126

• W •

W3 Schools Web site, 374
W3C CSS validation service, 209
W3C link checker, 367–368
W3C Recommendation, 375
W3C validator, 369
W3Schools Web site, 208
<wbr> element, 312
WD (Working Draft), 325
Web APIs, 320
Web Design Group Web site, 374
Web design, mobile
addresses, 300
designing for distracted surfers, 299
designing for small screens, 297
frameworks, 301–303
location, 300–301
mobile devices, 293–296
navigating on mobile devices, 298
optimizing for low bandwidth, 297
surfing the Web on many mobile
devices, 299
typing and clicking, 301
virtual demos or showcases, 300
Web Developer’s Virtual Library
Web site, 374
Web pages
adding alternative and title text, 110–112
adding rollovers to, 265–271
attractiveness of, 347
browsers, 13–14
CSS markup, 26–27
document headings, 26
editing, 40–41
HTML5, 323–324
hypertext, 10–13
image borders and alignment, 114
image location, 108
Web pages (continued)
images in HTML documents, 27
links and navigation tools, 27
links locations in, 99–101
lists, 26
mobile Web design, 293–304
paragraphs, 26
planning design, 33–34
posting online, 41–42
processing forms on, 242–243
role of images in, 105–106
saving, 37–38
scripting, 211–220
specifying image size, 112–114
tables, 26
titles, 66–67
using `<img />` element, 108–110
viewing, 38–39
Web servers, 14–15, 58–60
writing HTML, 34–37
Web servers, 14–15, 58–60
Web sites. See also bugs
building navigation, 49–52
comparing HTML to CMS, 279–280
content embedding, 252–258
content of, 345–346
design, 45–46
hosting, 55–60
HTML references, 373–375
links, 94–95
mapping, 46–49
maps, 353–354
mashups, 258–263
navigate, 349–350
planning outside links, 53–54
scheduling reviews, 358–359
structuring documents, 346
Web tools, 370–371
WebDesignerDepot Web site, 374
Web-developer’s handbook, 210
Webmonkey Web site, 374
Web-safe fonts, 331
week keyword, 319
white-space property, 205
widows property, 166
width attributes, 112, 318
Width deprecated attribute, 126
width property, 164, 196
windows
  browser, 216–217
  new, 97–99
WordPress CMS, 281, 283–285
word-spacing property, 180, 205
Working Draft (WD), 325
World Wide Web Consortium Web site, 373
Wufoo Web site, 248
WYSIWYG HTML editors, 362–363

• X •

XHTML (eXtensible Markup Language)
  `<html>` element, 65
  adding `DOCTYPE` declarations, 64–65
  adding document headers, 66–71
  adding HTML `DOCTYPE` declarations, 64
  adding namespaces, 65–66
  character codes, 23
  creating document body, 71–72
  difference from HTML, 16–17
  Document Type Definitions (DTDs ), 376–377
  establishing document structure, 63–64
  markup, deprecated, 121–128
  XHTML 1.0 Frameset `DOCTYPE` declaration, 65
  XHTML 1.0 Strict `DOCTYPE` declaration, 65
  XHTML 1.0 Transitional `DOCTYPE` declaration, 65

• Y •

Yelp Web site, 259–262
YouTube Web site, 258
YSlow add-on, 210

• Z •

z-index property, 162, 202–203
z-index value, 153
Zip files, 102–103