

Index

• Numbers & Symbols •

- # (pound sign) character, anchor links, 237
- / (slash) character, HTML closing tags, 224
- < (opening) character, HTML tags, 224
- > (closing) character, HTML tags, 224
- 10-point test, font readability, 130–131
- 24-bit (true color) monitors, versus 8-bit, 149–150
- 32-bit images, alpha channel mask, 152
- 3D appearance, clickable buttons, 78
- 3M Spray Mount, 193
- 8-bit monitors, 154–155

• A •

- <a> tag, HTML link assignments, 235
- ability to statements, business element, 20
- absolute positioning, CSS layers, 244
- action words, clickable buttons, 78
- ActionScript, embedded media, 262–263
- Active Server Pages (ASP)
 - HTML interweaving, 260
 - programming language, 29–31
 - Web page development, 16
- ad banners
 - click-through rate, 53
 - creating in Fireworks, 169–172
 - marketing plan technique, 301
 - online marketing, 53–54
- adaptive palettes, 153–154, 203–204
- additive colors, RGB color system, 146
- adhesives, presentations, 193
- Adobe Illustrator. *See* Illustrator
- Adobe Photoshop. *See* Photoshop
- ads, banner creation, 169–172
- affordances, visual content clues, 61, 79
- alpha channels, 152, 218–219
- anchor links, HTML associations, 236–237
- angled grids, Flash support, 115
- animations
 - content display, 62–63
 - Flash, 83, 262–263
 - GIF format, 207–209
 - interactive feedback strategy, 86
 - rollover feedback strategies, 78
- anti-aliasing, graphics, 135, 214–215
- Application Server Pages (ASP)
 - database-driven Web pages, 265
 - HTML interweaving, 260
 - programming language, 29–31
 - Web page development, 16
- applications, Web site integration, 16
- artifacts, JPEG format, 159, 202, 209–210
- assistive technologies, 231
- attributes
 - background, 234
 - background-attachment, 248
 - bgcolor, 233
 - cellpadding, 253
 - cellspacing, 253
 - hspace, 256–257
 - mailto, 237
 - margin-bottom, 256–257
 - margin-left, 256–257
 - margin-right, 256–257
 - margin-top, 256–257
 - usemap, 236
 - vspace, 256–257
 - z-index, 244
- audience. *See* target audience
 - identification
- audio clips, 77, 86
- award sites, online idea source, 183

• B •

background attribute, HTML, 234

background colors

- CSS, 249
- design direction mock-up, 186
- HTML, 234–235
- style guides, 201

background images, 247–248

background tiles

- browser display issues, 228
- CSS, 247–248
- design template, 199
- HTML, 234–235
- pattern matching, 217–218
- repeating to minimize download, 210–211
- style guides, 201
- text guidelines, 133–134

background-attachment attribute, 248

background-repeat property, 248

backgrounds

- dark-colored for drama, 120
- graphic guidelines, 214–219
- text legibility, 127

banner ads

- click-through rate, 53
- creating in Fireworks, 169–172
- marketing plan technique, 301
- online marketing, 53–54

BBEdit, text editor, 239

bgcolor attribute, HTML table colors, 233

bid winning, proposal characteristics, 277

billable time, consultant's fee, 278

bit depth, 148–152

bitmap graphics, 162–166

black foam core boards, 193–194

board mounts, presentations, 193–194

<body> tag, background colors/tiles, 234

body text, 133, 201

 tag, HTML line breaks, 255

brands, design integration, 184–185

bread crumbs, digital navigation, 69–70

Breeze, remote presentations, 191

browser cache, download time

- minimization techniques, 211

browsers

- available fonts, 141–142
- CSS layer interpretation concerns, 245
- development history, 224

- enabling/disabling cookies, 266
- HTML code support, 224
- HTML display differences, 226–228
- HTML source code display, 225–228
- Web-safe palettes, 150–156
- window size handling techniques, 242
- Windows PC/Macintosh version, 299–300

bug fixes, Maintenance phase element, 33

business requirements, Definition phase component, 20

business team, site design, 10

buttons

- clickable, 78, 290
- consistency importance, 290–291
- design template, 199
- graphic text, 136
- label importance, 287
- visual interface element, 110

• C •

cache, download time minimization, 211

captions, style guides, 201

Cascading Style Sheets (CSS)

- background colors, 249
- background images/tiles, 247–248
- Development phase element, 29
- <div> tag, 232–233
- element margins, 256–257
- graphics spacing techniques, 254–257
- internal versus external, 142–143
- kerning, 251–252
- leading, 251–252
- page margins, 246–247
- style sheets, 245–246
- table cell margins, 253
- text handling, 250
- type style guides, 123
- upper/lowercase text controls, 250–251

cash payments, user testers, 103

cellpadding attribute, table cells, 253

cells, margins, 253

cellspacing attribute, table cells, 253

CFM (ColdFusion), 16, 29, 265

CGI (Common Gateway Interface), 265

cheat sheets, user testing element, 99–100

checklists, user testing methodology, 101

clickable buttons, user interface, 78

clickable wireframes, design testing, 92–93

- click-throughs, 53, 95–97
- client deliverables, RFP (Request For Proposal) element, 276
- clients
 - brand guidelines, 184–185
 - business requirements, 20
 - design directions, 182–189
 - expectation management techniques, 280
 - idea source, 183–184
 - key milestone sign-offs, 280–281
 - online presentations, 189–191
 - online/offline portfolios, 272–274
 - presentation guidelines, 194–196
 - project plan building, 20–22
 - project scope creep avoidance, 293–294
 - responsibility setting techniques, 280
 - RFP (Request For Proposal), 275–276
 - site goal definition, 20
 - site map development input, 49
 - target audience identification questions, 38
 - Web site redesign questions, 52
- client-side JavaScript, uses, 262
- client-side scripting, 265
- closing (-) character, HTML tags, 224
- CMS (content management system), 25, 266
- codec (compressor/de-compressor), 264
- codes, hexadecimal colors, 155–156
- ColdFusion (CFM), 16, 29, 265
- color bit depth, RGB system, 148–150
- color levels, RGB color system, 147–148
- color palettes, 112, 152–154
- color-coding, user interface strategy, 82
- colors
 - bit depth reduction, 151–152
 - complementary considerations, 112
 - CSS background, 249
 - dithering, 209
 - fewer is better, 157–158
 - file size considerations, 157–158
 - file size issues, 150
 - gradient blends, 158–159
 - graphic guidelines, 157
 - hexadecimal codes, 155–156
 - HTML tables, 233
 - interpolation, 152
 - muted advantages, 127
 - palette guidelines, 112
 - RGB (red, green, blue) system, 146–150
 - subject matter guidelines, 111
 - subtractive versus additive process, 146
 - Web-safe palette, 145–146, 150–156
- columns, text legibility, 128
- Common Gateway Interface (CGI), 265
- company background, RFP (Request For Proposal) element, 276
- competitive analysis, RFP (Request For Proposal) element, 276
- compression, 158–159, 202
- comps, 110–111, 123, 201
- conferences, offline marketing, 53
- consistency, visual design, 84–85
- content
 - animation uses, 62–63
 - appropriate color determinations, 111
 - big, medium, small priority, 116–117
 - color-coding guidelines, 292
 - disjoint rollover display method, 88
 - expanding/shrinking, 89
 - fold line determinations, 118–119
 - horizontally scrolling, 61
 - layering, 62
 - management systems, 60
 - page presentation, 59–65
 - page-level planning, 56–58
 - priority determinations, 115–119
 - real-world metaphor management, 71
 - scroll navigation, 61
 - site outline element, 40
 - visual clues, 61
 - wireframe size guidelines, 58
- content area, element variety, 110–111
- content designers, site design, 15
- content development, Development phase element, 28
- content management system (CMS), 266
- content plans, Design phase, 24–25
- content refresh, Maintenance phase, 33
- Content Strategist, 15, 25, 28, 60
- content zones, 57–58
- conventions, 75
- cookies, 75, 266–267
- co-promotion, marketing plan, 301
- copy writers, 15, 28
- CSS. *See* Cascading Style Sheets (CSS)
- CSS layers, 244–245. *See also* <div> tags
- cursors, 77–78, 87–88

• D •

dark-colored backgrounds, 120

databases

- content management system, 25, 60
- database-driven Web pages, 264–268

Development phase element, 29–32

dynamic Web site integration, 16

- site map representation symbol, 47–48

Definition phase, site design, 19–22

deliverables, RFP (Request For Proposal) element, 275

design agencies, pricing formulas, 279

design directions

- board mounts, 193–194
- brand integration, 184–185
- client presentation guidelines, 194–196
- graphic mock-ups, 182–189
- home page mock-up, 183, 185–189
- idea sources, 183–184
- non-working prototypes, 190
- online presentations, 189–191
- printed presentations, 191–194
- project index page, 189–190
- remote presentations, 191
- subpage mock-up, 183, 185–189
- working prototypes, 190

Design phase, site design element, 22–26

design templates, types, 198–199

desktop (flatbed) scanners, 174

Development phase, site design, 27–32

DHTML (Dynamic HTML), layered content, 62

digital cameras, 172–173

direct links, site map navigation, 45

disjoint rollovers, space saving, 87–88

dithering (pixel pointillism), GIF format, 209

<div> (division) tag, 232–233. *See also* CSS layers

document management systems, 201

double-sided tape, presentations, 193

downloads, time minimization, 210–212, 287–288

Dreamweaver

- background color selections, 186
- CSS support, 233

- design direction mock-up, 185–189
- form elements, 187–188
- HTML tool, 31
- screenshots, 188
- SiteAssist add-on, 238–239
- text field insertion, 186–187
- type style guides, 123
- wireframe tool, 92–93
- WYSIWYG HTML editor, 237–238

drop shadows, 215–217

drop-down menus, space saving, 88

drum scanners, image source, 174

Dynamic HTML (DHTML), 62

dynamic Web pages, 264–268

dynamic Web sites, 16

• E •

ECMAScript. *See* JavaScript

e-commerce, 264–268

e-mail addresses, 5, 237

encapsulation, clickable buttons, 78

everyday objects, visual design uses, 79

expanding/shrinking (stretchy) tables, 241–243

expanding/shrinking content, space-saving strategy, 89

external style sheets, CSS (Cascading Style Sheets), 142–143, 246

• F •

feature stories, online marketing, 53

features, site outline element, 40


feedback, 77–78, 80–81, 86, 105–106, 288

fees, independent consultant, 277–279

file extensions, SSI (server-side includes), 266

Fireworks

- 24-bit color mode, 152
- banner ad creation, 169–172
- design direction mock-up, 185
- drop shadow creation, 215–217
- graphic headings, 136–141
- graphic templates, 123
- graphics editor, 27, 167

- hexadecimal color codes, 155–156
 - native format advantages, 136
 - Web graphics advantages, 171
- five-to-seven rule, 42–43, 286
- fixed bid, independent consultant, 278–279
- fixed-width tables, page layouts, 241–243
- Flash
 - ActionScript, 262–263
 - angled grids, 115
 - animated interface creation, 63
 - Development phase element, 28–29
 - embedded media, 262–263
 - graphics editor, 168
 - horizontally scrolling content, 61
 - layered content, 62
 - site map representation symbol, 47
 - SWF format, 163–165
 - vector graphics support, 163–165
 - wireframe storyboards, 63–65
- Flash designers, site design, 15
- flatbed (desktop) scanners, 174
- flat-colored graphics, 157
- focus, project management, 296–297
- focus groups, 25, 93–95
- fold line, design guidelines, 118–119
- fonts
 - CSS (Cascading Style Sheets), 142–143
 - CSS controls, 250
 - design guidelines, 112–113
 - even-numbered point size, 133
 - HTML tag preferences, 141
 - HTML-generated text limitations, 135
 - line weight considerations, 130–132
 - serif versus sans serif, 112–113, 132–133
 - specifications, 141–142
 - standard versus fancy, 129–130
 - style mixing, 113
 - type style guides, 123–124
 - Windows PC/Macintosh design differences, 299
- Forgot Password link, login page, 75
- forms, design direction mock-up, 187–188
- FPO (for position only) templates, 258
- frames, 208, 229–231
- Freehand, 43–44, 56, 92, 168
- functions, JavaScript, 260–262
- 
- gamma, Windows PC/Macintosh graphic design differences, 299
- gant view, Microsoft Project, 22
- getting eyeballs, marketing team, 10
- GIF. *See* Graphics Interchange Format (GIF)
- gifts, user testing appreciation, 103
- global content/features, site element, 41
- global navigation, 23–24, 66, 199, 286
- global pages, shared page links, 46
- goals, 10, 20, 109–110
- gradient blends, GIF format compression, 158–159
- graphic production
 - alpha channels, 218–219
 - background guidelines, 214–219
 - background tile matching, 217–218
 - design templates, 198–199
 - download time minimization techniques, 210–212
 - slices, 212–213
 - style guides, 199–201
 - version controls, 201
- graphic text, 125, 133, 135–141
- graphical bullets, design template, 199
- graphical buttons, design template, 199
- graphical headings, design template, 199
- graphical subheadings, 199
- graphical templates, translation, 200
- graphics
 - aliased, 214–215
 - anti-aliased, 214–215
 - background guidelines, 214–219
 - background tiles, 133–134
 - banner ad creation, 169–172
 - bitmap versus vector, 162–166
 - clickable versus non-clickable
 - visualization techniques, 290
 - cross-platform design issues, 299
 - CSS spacing techniques, 254–257
 - design direction mock-up form, 187
 - design directions, 182–189
 - design guidelines, 113–114
 - Development phase component, 27

graphics (*continued*)

- download time minimization, 211
- drop shadows, 215–217
- flat-color advantages, 157
- horizontal/vertical spacing, 256–257
- rollover feedback strategies, 77
- slices, 212–213
- template guidelines, 123

Graphics Interchange Format (GIF)

- adaptive palette, 203–204
- animations, 207–209
- bitmap support, 163–165
- color mix advantages, 159
- dithering, 209
- gradient blend compression, 158–159
- lossless compression, 202
- RLE (Run Length Encoding)
 - compression, 202
- transparency, 204–207
- when to use, 202–209
- wireframe export advantages, 92

greek (unreadable) text, 59–60

grids, layout organization tool, 114–115

groups, 40–43

gutters, table cell margins, 253

• H •

heading text, font size guidelines, 133

headings

- creating in Fireworks, 136–141
- design template, 199
- graphic text, 136
- style guides, 201

headlines, visual content clues, 61

hexadecimal color codes, 155–156

hidden Web addresses, 189

home page

- design direction mock-up, 183, 185–189
- layout freedom advantage, 110–111
- links, 288–289

home page layout, design template, 198

home page link, conventions, 75

HomeSite, text editor, 239

hotspots, navigation links, 92

hspace attribute, HTML graphics, 256–257

HTML (HyperText Markup Language).

See also tags

- ActionScript, 262–263
- anchor links, 236–237
- ASP (Active Server Pages)
 - interweaving, 260
- background colors/tiles, 234–235
- browser display differences, 226–228
- coding language, 15
- container constructs, 229–233
- CSS <div> tags, 232–233
- development history, 229
- Development phase element, 29
- e-mail links, 237
- embedded media, 262–263
- Flash animations, 262–263
- font preferences, 141
- frames, 229–230
- hexadecimal color codes, 155–156
- iframes (inline frames), 230–231
- image map link associations, 236
- interactive page techniques, 235–237
- JavaScript functions, 260–262
- line breaks, 255
- link assignments, 235
- mirrored hierarchy, 226
- opening/closing (< and >) tag
 - characters, 224
- page breaks, 255–256
- page layout language, 223–224
- slash (/) closing tag character, 224
- source code display, 225–228
- streaming media, 264
- table colors, 233
- tables, 231–232
- tag concepts, 224–225
- text editors, 239
 - WYSIWYG editors, 237–238

HTML click-through, 95–97

HTML Slings, site design, 15

HTML-generated text, 125, 135–136

HyperSnap, screen shot utility, 274

Hypertext Preprocessor (PHP)

- database-driven Web pages, 265
- scripting language, 16

• 1 •

icons, 82–83, 287, 290
 iframes (inline frames), 230–231
 Illustrator, 43, 92, 168
 image maps, HTML link associations, 236
 image treatments, design template, 199
 images
 bit depth reduction, 151–152
 digital cameras, 172–173
 editing in Photoshop, 174–180
 HTML-generated text, 135–141
 resolution guidelines, 165–166
 royalty-free versus licensed, 172, 174
 scanners, 173–174
 stock photography, 172, 174
 visual content clues, 61
 independent consultants, fees, 277–279
 Information Architects
 link development, 45–47
 page presentation development, 59–65
 page-level navigation/content
 development, 56–58
 personas, 39
 scenarios, 39–40
 site design responsibilities, 13–14
 site map development, 43–50
 site outline building, 40–43
 site redesign responsibility, 50–52
 symbols development, 47–48
 target audience identification, 38–40
 wireframe development, 23–24
 information architecture. *See* site maps
 information groups, site outline, 40–41
 inline frames (iframes), 230–231
 inline style sheets, CSS, 246
 Inspiration, visual flowchart diagrams, 43
 interaction design, 23–24, 73–75
 internal style sheets, 142–143, 246
 international marketplace, 297–298
 Internet Explorer, 224–228
 interpolation, colors, 152
 IP blockers, server access software,
 32–33

• J •

Java Server Pages (JSP, 265
 JavaScript, 62, 260–262
 job interviews, 272–274
 Joint Photographers Experts Group (JPEG)
 format
 artifacts, 159, 202, 209–210
 bitmap support, 163–165
 lossy compression, 202
 when to use, 209–210
 jumps, anchor links, 236–237

• K •

kerning, CSS controls, 251–252
 keyword searches, search engines, 53–54

• L •

labels, buttons/icons, 287
 landing page, layout guidelines, 123
 languages, localize (translation) text, 136
 Launch phase, site design element, 32–33
 layers, 62, 232, 244–245
 layouts. *See also* page layouts
 comps, 110–111
 consistency importance, 121–122
 content priority determinations,
 115–119
 grids, 114–115
 landing page, 123
 wireframes, 287
 leading, 127–128, 251–152
 legible text, wireframe representation,
 59–60
 Letramax boards, presentations, 1
 93–194
 levels, RGB color system, 147–148
 licensed images, versus royalty-free
 images, 172, 174
 line breaks, inserting, 255
 line weight, font readability, 130–132
 link exchanges, online marketing, 54

links

- anchor, 236–237
- bread crumbs, 69–70
- combinations, 70
- direct, 46
- e-mail, 237
- Forgot Password, 75
- frame targets, 230
- global navigation, 66
- global pages, 46
- home page, 75, 288–289
- hotspots, 92
- HTML assignments, 235
- image map associations, 236
- log in, 75
- project index page, 189–190
- real-world metaphor management, 71
- Remember Me, 75
- restricted pages, 46
- rollover feedback, 77–78
- section navigation, 66–69
- shared page, 46
- site map development element, 45–47
- style guides, 201
- localization, 200, 297–298
- localize (translation), graphic text
 - disadvantages, 136
- log in link, conventions, 75
- logos, home page link, 289
- look-n-feel, Design phase, 25–26
- lorem ipsum generator, greek (unreadable) text, 60
- lossless compression, GIF format, 202
- lossy compression, JPEG format, 202
- lowercase text, CSS controls, 250–251



Macintosh

- BBEdit text editor, 239
- browser version differences, 299–300
- cross-platform graphic design issues, 299
- screen shots, 274
- screenshot incorporation, 188
- system color palettes, 152–153
- Macromedia Breeze. *See* Breeze
- Macromedia Dreamweaver. *See* Dreamweaver

- Macromedia Fireworks. *See* Fireworks
- Macromedia Flash. *See* Flash
- Macromedia Freehand. *See* Freehand
- magazines, offline marketing, 53
- mailto attribute, e-mail links, 237
- Maintenance phase, site design element, 33
- margin-bottom attribute, 256–257
- margin-left attribute, 256–257
- margin-right attribute, 256–257
- margin-top attribute, 256–257
- margins
 - CSS, 246–247, 256–257
 - table cells, 253
- market analysis, RFP (Request For Proposal) element, 276
- marketing plans, 52–54, 301–302
- marketing team, site design, 10
- media, offline marketing types, 52–53
- media development, Development phase element, 28–29
- media placement, wireframe, 23–24
- media specialists, site design, 15
- memory, true color (24-bit) monitors, 149
- menus, drop-down, 88
- metaphors, 71, 291
- Microsoft Project, 10–11, 22
- Microsoft Visio, 43, 56, 92
- Microsoft's Visual Source Safe (VSS), 201
- minimum size of engagement, Web design
 - billing element, 279
- mission statement, 10
- MM_findObj function, JavaScript, 261
- MM_swapImage function, JavaScript, 261
- MM_swapImgRetore function, JavaScript, 261
- mock-ups, 182–189, 191–192
- monitors
 - color bit depth, 148–150
 - color levels, 147–148
 - fold line considerations, 118–119
 - standard resolution, 165
 - true color (24-bit) versus 8-bit, 149–150
 - type legibility issues, 126
- Mosaic, browser development history, 224
- mouse, rollover feedback, 77–78
- Mozilla Firefox, 224–225
- muted colors, text legibility, 127

• N •

navigation

- combo links, 70
 - consistency importance, 290–291
 - design template, 199
 - digital bread crumbs, 69–70
 - global links, 66
 - home page link, 288–289
 - page-level planning, 56–58
 - real-world metaphor management, 71
 - section links, 66–69
 - you are here feedback, 80–81, 288
- navigation ideas, RFP (Request For Proposal) element, 276
- navigation schemes, wireframe, 23–24
- navigation sets, five-to-seven rule, 286
- nested tables, pros/cons, 232
- Netscape, browser development, 224
- noise. *See* artifacts
- non-working prototypes, 190

• O •

- offline marketing, media types, 52–53
- offline portfolios, assembling, 272–274
- online marketing, 53–54
- online portfolio Web sites, 272–274
- opening (<) character, HTML tags, 224
- outline content, RFP (Request For Proposal) element, 276
- outlines. *See* site outlines

• P •

- <p> tag, HTML line breaks, 255
- page breaks, inserting, 255–256
- page index, site map element, 49–50
- page layouts, 241–245, 287. *See also* layouts
- page margins, CSS, 246–247
- page treatment, Design phase, 25–26
- page-level navigation, wireframes, 56
- Paint Shop Pro, graphics editor, 167
- palettes
 - adaptive, 203–204
 - Web-safe colors, 145–146, 150–156
- parent/child relationship, 229
- passwords, 75
- paths, vector graphics, 163
- patterns
 - background images/tiles, 247–248
 - background tile matching, 217–218
 - background tiles, 133–134
- personas, 39, 101
- Photoshop
 - 24-bit color mode, 152
 - color adjustments, 176
 - contrast adjustments, 176
 - design direction mock-up, 185
 - feathered edges, 177–178
 - graphic templates, 123
 - graphics editor, 27, 167
 - image cropping, 175
 - image editing techniques, 174–180
 - image layers, 178
 - native format advantages, 136
 - resizing images, 176–177
 - Web graphics limitations, 171
 - Web-ready JPEG format export, 180
- PHP (Hypertext Preprocessor), 16, 265
- pixel pointillism (dithering), 209
- pixels, type legibility issues, 126
- placeholder text, 59–60
- points, vector graphics, 163
- Portable Network Graphics (PNG) format
 - alpha channels, 152, 218–219
 - bitmap support, 163–165
- portfolios, assembling, 272–274
- pound sign (#) character, anchor links, 237
- presentations
 - behavioral guidelines, 194–196
 - board mounts, 193–194
 - hidden Web address, 189
 - non-working prototypes, 190
 - online, 189–191
 - online/offline portfolios, 272–274
 - presenter techniques, 274–275
 - printed, 191–194
 - project index page, 189–190
 - remote, 191
 - working prototypes, 190
- pre-wireframing template, content zone, 57
- primary navigation, group limit, 42–43
- print designers, Visual Designer, 11–13
- print magazines, offline marketing, 53

printed presentations, 191–194
 printing, color mock-ups, 191–192
 production schedule, RFP (Request For Proposal) element, 276
 production team, site design, 10–11
 programmers, site design, 16–17
 programming, Development phase, 29–32
 progress meter, 80–81
 project budget, RFP (Request For Proposal) element, 275
 project index page, 189–190
 project management, 11
 project plans, Definition phase, 20–22
 project scope, 293–294
 project summary, RFP (Request For Proposal) element, 275
 project timeline, RFP (Request For Proposal) element, 275
 projects, workflow management, 281
 properties, `background-repeat`, 248
 proposals, development process, 275–276
 prototypes, design directions, 190
 pull quotes, style guides, 201

• Q •

quality assurance, Test and Launch phase element, 32
 questions
 target audience identification, 38
 Web site redesign, 52
 quotes, graphic text, 136

• R •

radio, offline marketing, 53
 real-life metaphors, pros/cons, 291
 redirects, Launch phase element, 33
 relationships, 80, 229
 relative positioning, CSS layers, 244
 release forms, user testing, 104
 Remember Me link, login page element, 75
 remote presentations, 191
 Request For Proposal (RFP), 275–276
 resolutions, 126, 164–166, 174
 restricted page links, site map, 46
 RGB color system, 147–150, 218–219

rollover buttons, JavaScript, 261–262
 rollover feedback, visual design, 77–78
 rollovers, 87, 89
 royalty-free images, versus licensed images, 172, 174
 rule lines, visual space breakup, 117–118
 Run Length Encoding (RLE) compression, GIF format, 202

• S •

sans-serif fonts, 112–113, 130–133
 scanners, 173–174
 scenarios
 target audience identification, 39–40
 user testing element, 98–99
 scope creep, production team, 10, 11
 screen shots, 188, 274
 scroll navigation, content information, 61
 search engine optimization (SEO), 10, 302
 search engines, 53–54, 302
 search function, conventions, 75
 searches, search engine keywords, 53–54
 secondary navigation, group limit, 42–43
 section navigation, 66–69
 serif fonts, 112–113, 130, 132–133
 servers, IP blockers, 32–33
 server-side includes (SSI), 266
 server-side JavaScript, uses, 262
 server-side scripting, 265
 session cookies, lifespan, 266
 shared page links, site map navigation, 46
 shopping carts, 267–288
 site goals, Definition phase component, 20
 site maps
 automatic page flow, 46–47
 client input importance, 49
 Design phase component, 22–23
 direct links, 45
 global page links, 46
 hard copy development process, 43–45
 Information Architect design, 13–14
 information architecture, 43
 page index, 49–50
 planning importance, 295
 redesign uses, 50–52
 restricted page links, 46

- shared page links, 46
 - symbols development, 47–48
 - Site of the Week archive, 183–184
 - site outlines, 40–50
 - SiteAssist, Dreamweaver add-on, 238–239
 - slash (/) character, HTML closing tags, 224
 - slices, 204, 212–213
 - Snapz Pro, screen shot utility, 274
 - source code, HTML display, 225–228
 - SSI (server-side includes), 266
 - stock photography, Web images, 172, 174
 - storyboards, Flash, 63–65
 - streaming media, encoding, 264
 - stretchy (expanding/shrinking) tables, 241–243
 - style guides
 - design guidelines, 123–124
 - types, 199, 201
 - visual design element, 83
 - style sheets, 142–143, 245–246
 - styles, CSS style sheets, 245–246
 - subcontractors, hiring/management techniques, 282–283
 - subheadings, 199–201
 - subpage layout, design template, 199
 - subpage variation layout, 199
 - subpages
 - design direction mock-up, 183, 185–189
 - design layout limitations, 110–111
 - subtractive colors, RGB color system, 146
 - swag (tchotchkes), user testing
 - appreciation, 103
 - SWF (Flash) format, vector graphics support, 163–165
 - symbols, site map development element, 47–48
- T •
- table treatments, style guides, 201
 - tables
 - browser window size handling techniques, 242
 - cell margins, 253
 - colors, 233
 - fixed-width page layout, 241–243
 - HTML container construct, 231–232
 - stretchy (expanding/shrinking) page layouts, 241–243
 - user testing results, 105–106
 - tags. *See also* HTML
 - <a>, 235
 - <body>, 234
 -
, 255
 - <div> (division), 232–233
 - HTML code element, 224
 - mirrored hierarchy, 226
 - opening/closing (< and >) characters, 224
 - <p>, 255
 - target audience identification
 - client checklist questions, 38
 - personas, 39
 - scenarios, 39–40
 - user testing element, 101
 - targets, frame links, 230
 - tasks
 - search function, 75
 - user flow diagrams, 74
 - tchotchkes (swag), user testing
 - appreciation, 103
 - team members, focus importance, 296–297
 - template pages, site map representation
 - symbol, 48
 - templates
 - design guidelines, 123
 - FPO (for position only), 258
 - graphic types, 198–199
 - graphics design use, 27
 - language translation considerations, 200
 - pre-wireframing, 57
 - Web page fill ins, 16
 - tertiary navigation, group limit, 42–43
 - Testing phase, site design element, 32–33
 - text editors, HTML code writing, 239
 - text elements, 249–252
 - text fields, design direction mock-up, 186–187
 - text handling, CSS controls, 250
 - text placement, wireframe element, 23–24
 - text presentation, wireframes, 59–60
 - to-do list tasks, user testing preparations, 97–100
 - trade shows, offline marketing, 53

- translation (localize)
 - graphic text disadvantages, 136
 - graphical template considerations, 200
 - transparency
 - alpha channels, 218–219
 - GIF format, 204–207
 - transparent colors, download time
 - minimization technique, 210
 - triggers, rollover feedback strategies, 77–78
 - true color (24-bit) monitors, versus 8-bit, 149–150
 - type design
 - 10-point test, 130–131
 - background tiles, 133–134
 - CSS (Cascading Style Sheets), 142–143
 - font guidelines, 128–133
 - font specifications, 141–142
 - graphic text, 125
 - graphic text versus HTML-generated text, 135
 - HTML-generated text, 125
 - legibility guidelines, 126–127
 - line weight guidelines, 130–132
 - localize (translation) text, 136
 - readability importance, 126
 - serif versus sans-serif fonts, 132–133
 - size guidelines, 133
 - standard versus fancy fonts, 129–130
 - type style guides, design guidelines, 123–124
- u •
- unreadable (greek) text, wireframe
 - representation, 59–60
 - updates
 - frame drawbacks, 231
 - HTML-generated text advantages, 136
 - upgrades, Maintenance phase element, 33
 - uppercase text, CSS controls, 250–251
 - usability testing, importance of, 296
 - usemap attribute, HTML link
 - associations, 236
 - user flow diagrams, interaction design
 - element, 74
 - user interfaces
 - animation feedback, 86
 - audio clip feedback, 86
 - button consistency importance, 290–291
 - clickable buttons, 78
 - clickable/non-clickable item
 - differentiation, 83, 290
 - color-coding strategies, 82
 - consistency importance, 84–85
 - disjoint rollovers, 87–88
 - drop-down menus, 88
 - expanding/shrinking content, 89
 - grouping elements, 79–80
 - home page link conventions, 75
 - interaction design concepts, 73–75
 - log in link conventions, 75
 - nested elements, 79–80
 - rollover feedback, 77–78
 - search function conventions, 75
 - task flow diagrams, 74
 - visual design strategies, 75–83
 - you are here feedback, 80–81
 - user testing
 - appreciation gifts, 103
 - checklists, 101
 - clickable wireframes, 92–93
 - conducting guidelines, 104–105
 - Design phase component, 24
 - focus groups, 93–95
 - friend/family, 103
 - HTML click-throughs, 95–97
 - prototype development strategies, 92–97
 - recruiting testers, 102–103
 - release forms, 104
 - results evaluation, 105–106
 - style guidelines, 101
 - time limit guidelines, 103
 - to-do list task preparations, 97–100
 - videotapes, 104
 - visual design, 93–95
- v •
- VBScript (Visual Basic Script), database-driven Web pages, 265
 - vector graphics
 - paths, 163
 - points, 163
 - resolution-independent, 164–165
 - SWF (Flash) format support, 163–165
 - versus bitmap graphics, 162–166
 - version controls, graphic production, 201

- video memory, true color (24-bit)
 - monitors, 149
 - videotapes, user testing, 104
 - Vignette, CMS (content management system), 266
 - visitors, getting eyeballs, 10
 - Visual Basic Script (VBScript), 265
 - visual clues, scroll navigation, 61
 - visual design
 - affordances, 79
 - clickable buttons, 78
 - clickable/non-clickable item
 - differentiation, 83
 - color-coding, 82
 - consistency importance, 84–85
 - disjoint rollovers, 87–88
 - drop-down menus, 88
 - everyday object uses, 78
 - expanding/shrinking content, 89
 - grouping elements, 79–80
 - HTML click-throughs, 95–97
 - icons, 82–83
 - nested elements, 79–80
 - rollover feedback, 77–78
 - style guides, 83
 - test strategies, 93–95
 - user interface strategies, 75–83
 - you are here feedback, 80–81
 - Visual Designers, site design, 11–13
 - visual examples, RFP (Request For Proposal) element, 276
 - visual interface
 - big, medium, small priority strategy, 116–117
 - button appearance enhancements, 110
 - color considerations, 111–112
 - comps, 110–111
 - consistency importance, 121–122
 - content priority determinations, 115–119
 - design goals, 109–110
 - floating element enhancements, 120–121
 - fold line guidelines, 118–119
 - font guidelines, 112–113
 - graphic guidelines, 113–114
 - grid layouts, 114–115
 - landing page layout, 123
 - page design strategies, 110–111
 - rule lines, 117–118
 - templates, 123
 - type style guides, 123–124
 - white space, 119–121
 - Visual Source Safe (VSS), document management system, 201
 - vspace attribute, HTML graphics, 256–257
- *W* ●
- Web design
 - building experience opportunities, 17–18
 - business team members, 10
 - content design members, 15
 - five-step design process elements, 19–33
 - HTML Slingers, 15
 - information architects, 13–14
 - marketing team members, 10
 - media specialists, 15
 - production team members, 10–11
 - programmers, 16–17
 - scope creep, 10, 11
 - site maps, 13–14
 - team members, 10–17
 - versus print design, 12–13
 - visual designers, 11–13
 - wireframe diagrams, 13–14
 - Web graphics. *See* graphics
 - Web pages
 - automatic page flow, 46–47
 - color-coding guidelines, 292
 - comps, 110–111
 - consistency importance, 121–122
 - content area elements, 110–111
 - content priority determinations, 115–119
 - cookies, 266–267
 - database-driven, 264–268
 - database-driven requirements, 300–301
 - deconstructing, 50–51
 - frames, 229–230
 - graphic mock-ups, 182–189
 - HTML source code display, 225–228
 - iframes (inline frames), 230–231
 - landing page layouts, 123
 - online idea source, 183–184
 - template fill-ins, 16
 - viewing source code, 225–228
 - white space guidelines, 119–121

Web sites

- A List Apart, 244
- Adobe Illustrator, 168
- Adobe Photoshop, 167
- Apple, 120
- Audience Profiler, 102
- Communication Art, 183
- Cookie Central, 266
- Corbis, 174
- Craig's List, 18
- David Solhaug, 189
- designinteract.com, 17
- discovery.com, 89
- Flash, 15
- Getty Images, 172, 174
- HyperSnap, 274
- ION Global, 200
- Kelly Goto, 11
- Macromedia Breeze, 191
- Macromedia Fireworks, 167
- Macromedia Flash, 168
- Macromedia Freehand, 168
- oneworldjourneys.com, 63
- Paint Shop Pro, 167
- Snapz Pro, 274
- W3 Schools, 244
- W3C (World Wide Web Consortium), 229
- WA Cookies, 266
- WA eCommerce Suite, 266
- WebAssist, 31
- www.dummies.com, 5
- Web-adaptive palettes, 8-bit monitor advantages, 155
- WebAssist
 - SiteAssist, 238–239
 - WA Cookies, 266
 - WA eCommerce Suite, 266, 267–268
- Web-safe palettes
 - 8-bit monitor support, 154
 - color guidelines, 145–146
 - image bit depth reduction, 151–152

- white space, design guidelines, 119–121
- Windows PC
 - browser version differences, 299–300
 - cross-platform graphic design issues, 299
 - HomeSite text editor, 239
 - screen shots, 274
 - screenshot incorporation, 188
 - system color palettes, 152–153
- wireframe diagrams, structural layouts, 13–14
- wireframes
 - clickable, 92–93
 - content zone development, 58
 - Design phase component, 23–24
 - Flash element indicators, 63–65
 - GIF format advantages, 92
 - page layouts, 287
 - page-level navigation development, 56
 - size guidelines, 58
 - text indication methods, 59–60
- working prototypes, design directions, 190
- WYSIWYG, HTML editors, 237–238



- X and Y coordinates, CSS layer positioning, 244–245



- Y and X coordinates, CSS layer positioning, 244–245
- you are here feedback navigation system, 288
- user interface element, 80–81



- z-index, layer stack control, 232
- z-index attribute, CSS layer positioning, 244
- zones, content, 57–58