

Index

• Symbols and Numerics •

- 1 Image option, 89
- 2-Second Self-Timer mode, 61
- 3:2 ratio, 276
- 10 Images option, 89
- 100 Images option, 89

• A •

- action photography, 232–235
- active autofocus point, 186
- A-DEP (automatic depth of field) mode
 - adjusting aperture and shutter speed, 152
 - calculating exposure and flash output, 174
 - depth of field and, 204
 - explanation of, 205–206
 - flash and, 45
 - overview, 108, 133, 144
- Adobe RGB color mode, 219–220
- advanced exposure modes. *See also*
 - aperture; ISO; shutter speed
 - bracketing exposures automatically, 168–170
 - choosing exposure metering mode, 144–148
 - exposure-correction tools, 155–165
 - locking Autoexposure Settings, 166–167
 - monitoring exposure settings, 142–144
 - overview, 131–133
 - using flash in, 170–183
- Advanced Options button, 307
- AE lock. *See* autoexposure (AE) lock
- AE Lock/AF mode, 331
- AE Lock/FE Lock/Index/Reduce button, 22
- AE/AF, no AE Lock mode, 331
- AEB (automatic exposure bracketing), 115
- AF button, 192
- AF Point Selection option, 88, 226
- AF Point Selection/Magnify button, 22
- AF/AE Lock mode, 331
- AF/AF Lock, no AE Lock mode, 331
- AF-assist beam, 41, 180, 332
- AF/MF switch, 14
- AI (artificial intelligence), 43
- AI Focus mode, 191
- AI Servo mode, 190–191
- alignment grid, 117
- All Images setting, 294
- Amount slider, Unsharp Mask filter, 322
- Antialias option, 325
- anti-shake, 14
- aperture
 - balancing with ISO and shutter speed, 141
 - controlling, 152–155
 - defined, 134
 - exposure-setting side effects, 136–140
 - overview, 133–135
 - aperture setting (f-stop), 22, 44, 59, 134, 139, 201
- Aperture/Exposure Compensation
 - button, 22
- aperture-priority autoexposure mode. *See* Av mode
- archiving photos
 - processing Raw (CR2) files, 268–272
 - using ZoomBrowser EX/ImageBrowser, 260–268
- artificial intelligence (AI), 43
- Aspect Ratio drop-down list, 308
- attaching lens, 10–12
- Auto Adjust Image button, 324
- Auto Adjustment option, ZoomBrowser EX/ImageBrowser, 323–324
- Auto Cleaning option, 36
- Auto flash, 45
- Auto Lighting Optimization, 107–108, 161–163
- Auto Power Off option, Setup Menu 1, 33
- Auto Reset option, 33
- Auto Rotate feature, Setup Menu 1, 34, 91
- Auto White Balance (AWB), 114
- autoexposure (AE) lock, 108, 166–167, 330–331
 - Live View, 115
 - movie recording, 126

autoexposure meter, 41
 autofocus (AF) mode. *See also*
 autofocusing
 changing, 190–192
 Close-Up mode, 54
 Full Auto mode, 48
 Landscape mode, 52
 Movie menu, 123
 Night Portrait mode, 56
 One-Shot, 51
 Picture-Taking Settings, 226
 Portrait mode, 51
 Sports mode, 55
 autofocus points, 15, 41, 188–190
 autofocusing. *See also* autofocus (AF)
 mode
 adjusting, 188–192
 in Live View, 192–200
 in Movie mode, 192–200
 setting locks, 330–331
 shifting to manual focus from, 14–15
 Auto/Manual Focus switch, 13, 40
 automated sensor cleaning, 334
 automatic depth of field (A-DEP) mode.
 See A-DEP mode
 automatic exposure bracketing (AEB), 115
 automatic exposure modes
 Creative Auto mode, 56–60
 Drive mode, 60–63
 flash options, 45–46
 Full Auto mode, 48–49
 fully automatic scene modes, 49–56
 overview, 39–40, 47
 picture-taking technique, 40–44
 Red-Eye Reduction flash, 46–47
 Automatic focus point selection, 196
 Av (aperture-priority autoexposure) mode,
 133, 144
 adjusting aperture and shutter speed, 153
 calculating exposure and flash
 output, 174
 depth of field and, 203, 236
 flash and, 45
 still portraits, 227
 AWB (Auto White Balance), 114

• B •

background, Creative Auto mode, 58
 backlighting, shooting in, 242

back-of-body controls, 20–23
 banding, 80
 Basic Zone, 19
 battery, monitor usage and, 109
 Beep option, Shooting Menu 1, 38
 bit, defined, 272
 bit depth, 80
 blown highlights, 96, 99
 blue label indicator on camera, 21
 Blue slider, color balance, 313
 blue to amber bracketing, 218
 blurring, 187, 237
 Bounce flash, 231
 bracket exposures, 168
 bracketing exposures, 168–170, 238
 Bracketing, White Balance, 216–219
 brightness histogram, 99–100, 116
 buffer, 126
 Built-In Flash Function Setting, 181
 burst mode, 61
 Busy signal, 46

• C •

camera, connecting to computer, 249–251
 camera controls. *See* controls, camera
 camera settings. *See* settings, camera
 Camera Settings display, 31–32
 camera shake, 334
 camera-to-subject distance, 201–203
 candlelight, 208
 Canon Digital Photo Professional,
 163, 224, 257, 272
 Canon EOS Rebel T1i/500D, overview of,
 1–5
 Canon EOS Utility, 5, 254–258
 Canon ImageBrowser. *See* ImageBrowser
 Canon MemoryCard Utility, 258–260
 Canon Speedlite 580EX II, 182
 Canon Web site, 342
 Canon ZoomBrowser EX. *See*
 ZoomBrowser EX
 caption, adding to photo, 285
 car window, shooting out, 241
 card-to-computer transfers, 258–260
 Center-Weighted Average metering, 145
 challenging photography, 241–243
 Change Settings button, 260
 channels, color, 80, 100
 circular polarizing filter, 243

- Clean Manually option, 36
 - Clean Now option, 36
 - cleaning filter, 334–336
 - Clear Settings option, Setup Menu 3, 37
 - clipped highlights, 96, 99
 - Close-Up mode, 45, 53–54
 - close-up photography, 239–241
 - Cloud Dome, 243
 - color, 280
 - Adobe RGB color mode, 219–220
 - balance adjustments, ZoomBrowser EX/ImageBrowser, 312–314
 - Full Auto mode, 49
 - fully automatic scene modes, 50
 - overview, 207–208
 - Picture Styles, 221–224
 - and printer, 278–281
 - saturation adjustments, ZoomBrowser EX/ImageBrowser, 309–312
 - sRGB (standard red, green, blue) color mode, 219–220
 - tools for managing, 220
 - White Balance settings, 208–219
 - Color Adjustment tab, 311
 - color cast, 66–67
 - color channels, 80, 100
 - color space, 32, 98, 185, 270
 - color temperature, 208
 - colorimeter, 279
 - compression, JPEG, 69
 - computer, connecting to camera, 249–251
 - computerless printing, 287
 - connecting camera and computer, 249–251
 - Continuous capture mode, 30
 - Continuous mode, AEB, 170
 - Continuous option, 33, 61
 - Continuous shooting mode, 108, 216
 - control strip, movie playback, 128
 - controls, camera
 - back-of-body, 20–23
 - front-left buttons, 24
 - overview, 18
 - topside, 18–20
 - Conversion Target option, 271
 - Copy Stamp tool, 336
 - copyright notice, tagging files with, 341–342
 - CR2 format, 79–82, 268–272
 - Creative Auto mode
 - depth of field and, 204
 - explanation of, 56–60
 - flash and, 45
 - f-stop and, 44
 - Creative Zone, 19
 - creativity, 2–3
 - crop box, 284, 307
 - crop factor (magnification factor), 205
 - cropping, ZoomBrowser EX/ImageBrowser, 306–309
 - cross keys, 22–23, 87
 - Custom Functions
 - Custom Function 1, 156
 - Custom Function 2, 149, 150
 - Custom Function 3, 174
 - Custom Function 4, 150, 238
 - Custom Function 5, 151
 - Custom Function 6, 160, 237
 - Custom Function 7, 107, 163
 - Custom Function 8, 332
 - Custom Function 9, 109, 333
 - Custom Function 10, 108, 145, 193, 330
 - Custom Function 11, 329
 - Custom Function 12, 337
 - Custom Function 13, 338
 - ISO Expansion, 149
 - overview, 37, 328
 - custom menu, 338–341
 - custom white balance settings, 212–213
- D •
- D+ symbol, 160
 - data-restoration software, 102
 - Date option, 294
 - Date/Time option, Setup Menu 2, 36
 - default Movie display, 120
 - default Playback mode, 87
 - deleting photos
 - all images on memory card, 102–103
 - overview, 101
 - selected images, 103–105
 - single images, 102
 - depth of field, 44
 - A-DEP mode, 205–206
 - Close-Up mode, 53
 - Landscape mode, 52
 - overview, 200–205
 - previewing, 24, 204, 207
 - Destination Folder button, 256
 - detaching lens, 12

- Digital Exposure Compensation control, Image Quality Adjustment panel, 270
 - digital noise, 66–67
 - digital photo files, safeguarding, 252
 - Digital Photo Professional, 163, 224, 257, 272
 - Digital Print Order Format (DPOF), 287
 - digital-image defects, 66
 - dim lighting, 206
 - diopters, 240
 - dioptric adjustment control, 15
 - Direct flash, 231
 - Direct Transfer screen, 251
 - DISP button, 23
 - Display Off sensor, 15
 - Display the first/last frame of the movie control, 128
 - Display the next frame control, 128
 - Display the previous frame control, 128
 - dots per inch (dpi), 72, 275
 - downloading process
 - Canon tools, 253–260
 - connecting camera and computer, 249–251
 - overview, 247–249
 - starting transfer process, 251–253
 - dpi (dots per inch), 72, 275
 - DPOF (Digital Print Order Format), 287
 - Drive mode
 - changing, 43, 61–63
 - Close-Up mode, 54
 - Creative Auto mode, 60
 - Full Auto mode, 48
 - Landscape mode, 52
 - Night Portrait mode, 56
 - Picture-Taking Settings, 226
 - Portrait mode, 51
 - Sports mode, 54–55
 - Drive mode icon, Live View, 115
 - drop-off printing service, 281
 - Dust Delete Data message, 335–336
 - dust-removal filter, 334–336
- **E** ●
- Edit drop-down list, 266, 302–303
 - editing photo
 - adding text, 324–326
 - adjusting color balance, 312–314
 - adjusting color saturation, 309–312
 - adjusting exposure, 314–320
 - Auto Adjustment option, 323–324
 - cropping, 306–309
 - overview, 301–302
 - removing red-eye, 302–306
 - saving edited files, 326
 - sharpening, 320–323
 - EF (electro focus) design, 10
 - e-mail, preparing photos for, 286–292
 - EOS Rebel T1i/500D, overview of, 1–5
 - EOS Utility, 5, 254–258
 - Erase button, 23
 - Erase Images screen, 103
 - E-series dioptric adjustment lens, 16
 - E-TTL (evaluative through the lens) II, 172, 181
 - EV (Exposure) Compensation, 22, 94, 143, 155–158
 - EV (exposure value) numbers, 176
 - evaluative metering, 145, 167
 - evaluative through the lens (E-TTL) II, 172, 181
 - Exit movie playback control, 128
 - Explore panel
 - ImageBrowser window, 262
 - ZoomBrowser EX window, 261
 - exposure
 - Creative Auto mode, 60
 - Full Auto mode, 49
 - fully automatic scene modes, 50
 - Live View, 119
 - Live View shooting and, 145
 - Exposure (EV) Compensation, 22, 94, 143, 155–158
 - exposure adjustments, ZoomBrowser EX/ImageBrowser
 - Level Adjustment filter, 314–317
 - overview, 314
 - Tone Curve Adjustment filter, 317–320
 - exposure lock, 330–331
 - exposure meter, 121, 142
 - exposure modes. *See also* advanced exposure modes; automatic exposure modes; flash
 - exposure simulation (Exp.SIM), 116
 - Exposure Simulation icon, 121
 - exposure value (EV) numbers, 176

- exposure-correction tools, 155–165
 - Auto Lighting Optimization, 161–163
 - Exposure Compensation, 155–158
 - Highlight Tone Priority, 158–160
 - Peripheral Illumination Correction, 163–165
 - exposure-setting side effects, 136–140
 - Exp.SIM (exposure simulation), 116
 - external camera controls
 - back-of-body controls, 20–23
 - front-left buttons, 24
 - overview, 18
 - topside controls, 18–20
 - external flash controls, 182
 - external flash units, 183
 - eyepiece adapter, 16
- **F** ●
- Faithful Picture Style, 221–222
 - Fast forward control, 128
 - FE Lock (Flash Exposure Lock), 108, 179
 - FEB (flash exposure bracketing), 115
 - FEL display, 179
 - file formats
 - defined, 76
 - Fine versus RAW, 82–83
 - JPEG, 76–79
 - overview, 76
 - Raw (CR2), 79–82, 268–272
 - File Numbering option, Setup Menu 1, 33
 - file size, 97, 118
 - filename, accepting or creating new, 291
 - fill flash, 45, 172, 240
 - filter, cleaning, 334–336
 - Fine settings, 77–78, 82–83
 - fireworks, shooting, 242
 - firmware, 4, 165, 342
 - Firmware Ver. screen, Setup Menu 3, 37
 - 1st-curtain sync, 181
 - Fit to Window, ZoomBrowser EX, 264
 - flash
 - options, 45–46
 - using in advanced exposure modes, 170–182
 - Flash button, 24
 - Flash Compensation amount symbol, 96
 - Flash Control option, 180
 - flash exposure bracketing (FEB), 115
 - Flash Exposure Compensation, 176–178, 181
 - Flash Exposure Lock (FE Lock), 108, 179
 - flash metering, 171
 - Flash Off exposure mode, 45
 - Flash Off mode, 56
 - Flash On symbol, 46
 - Flash Recycling, 46
 - flash status, Live View, 115
 - fluorescent lighting, 208
 - focal length, 15, 201, 204–205
 - Focal length marker, 13
 - focusing. *See also* autofocus
 - adjusting viewfinder, 15–16
 - depth of field, 200–207
 - manual focus, 14–15
 - overview, 185–187
 - focusing frame, 113
 - Focusing ring, 13
 - focusing screen, 16
 - folders, ZoomBrowser EX/ImageBrowser, 266–268
 - force flash, 45
 - Format option, Setup Menu 1, 34
 - formatting
 - card, 17
 - versus deleting, 105
 - frame rate, 118
 - free monitor calibration software, 277
 - Freespace value, 32
 - front-left buttons, 24
 - f-stop (aperture setting), 22, 44, 59, 134, 139, 201
 - Full Auto mode, 40, 45, 48–49
 - Full High-Definition; 1280 x 720, 118
 - full stop, 155
 - full-data display mode, Live View, 125
 - full-frame view, 93
 - full-screen mode, ZoomBrowser EX/ImageBrowser, 263–266
 - fully automatic exposure modes, 19
 - fully automatic scene modes
 - Close-Up mode, 53–54
 - depth of field and, 204
 - Flash Off mode, 56
 - Landscape mode, 51–52
 - Night Portrait mode, 55–56

fully automatic scene modes (*continued*)
 overview, 49–50
 Portrait mode, 50–51
 Sports mode, 54–55

• G •

glass, shooting through, 241
 grain, 138
 Green slider, color balance, 313
 green to magenta bracketing, 218
 grid, alignment, 117
 Grid display option, Movie menu, 123

• H •

Hand tool, ZoomBrowser EX, 264
 handheld shooting, 186
 handles, 308
 HDMI playback, 296
 HDTV playback, 296
 head room, 277
 high-capacity SD (SDHC) card, 17
 high-contrast shots, 158–160
 Highlight Tone Priority, 97, 158–160
 highlights, 96, 99, 316
 histogram, 36, 95, 315–316
 Histogram display mode
 Brightness histogram, 99–100
 overview, 99
 RGB histogram, 100–101
 Hold option, instant review, 86
 hot shoe, 182

• I •

IDrive, 252
 image number value, 94–95, 98
 Image Quality option, Picture-Taking
 Settings, 226
 image sensor, dirty, 83
 image stabilizer (IS) lens, 13–14
 Image Stabilizer switch, 13, 40, 186
 Image Type setting, 271
 Image Zone modes
 Close-Up mode, 53–54
 Flash Off mode, 56
 Landscape mode, 51–52

Night Portrait mode, 55–56
 overview, 49–50
 Portrait mode, 50–51
 Sports mode, 54–55

ImageBrowser

adding text, 324–326
 adjusting color balance, 312–314
 adjusting color saturation, 309–312
 adjusting exposure, 314–320
 Auto Adjustment option, 323–324
 cropping, 306–309
 folder collections, 266–268
 overview, 260–263, 301–302
 printing from, 282–286
 removing red-eye, 302–306
 saving edited files, 326
 sharpening, 320–323
 viewing photos in full-screen mode,
 263–266

image-exposure formula, 135

Images to Save option, 271

Import Shooting Date/Time button, 325

in-camera slide show, 293–295

Index display mode, 88

Index mode, movies and, 127

indoor portraits, 228

information display

 changing with Movie mode, 120–122
 modes, 94–95

Information panel

 ImageBrowser window, 262

 ZoomBrowser EX window, 261

ink, 280

interface cable, 248

internal menus, 25

internal temperature, 127

IS (image stabilizer) lens, 13–14

ISO

 balancing with shutter speed and
 aperture, 141

 controlling, 148–152

 defined, 135

 exposure-setting side effects, 136–140

 overview, 133–135

ISO button, 20

ISO Expansion custom function, 149

ISO option, Picture-Taking Settings, 226

ISO speed option, 97

• J •

JPEG artifacts, 66–67
 JPEG compression, 69, 291
 JPEG format, 76–79, 82–83
 JPEG Normal setting, 83
 jump bar, 90
 Jump feature, 88–89
 jumping through images, 88–90

• K •

Kelvin scale, 208
 Kodak Gallery, 252

• L •

L (Large) resolution setting, 71
 Landscape mode, 45, 51–52
 landscape orientation, 91
 landscape photography, 236–239
 Landscape Picture Style, 221–222
 Landscape setting, 44
 Language option, Setup Menu 2, 36
 Large (L) resolution setting, 71
 large depth of field, 200
 Lastolite, 243
 LCD Auto Off option, Setup Menu 1, 34–35
 LCD Brightness option, Setup Menu 2, 35–36
 lens
 attaching, 10–12
 cleaning, 83
 correcting vignetting, 163–165
 overview, 10
 removing, 12
 shifting from autofocus to manual focus, 14–15
 using IS (image stabilizer) lens, 13–14
 zooming in and out, 15
 lens filters, 215
 lens release button, 11, 24
 lens/sensor dirt, 66–67
 Level Adjustment filter, ZoomBrowser EX/
 ImageBrowser, 314–317
 Lexar Image Rescue, 102
 light fall-off, correcting, 163–165

Live mode autofocus, 198–200
 Live View
 autofocusing in, 192–200
 customizing shooting data, 114–116
 enabling, 110–111
 overview, 107–110
 taking shots in, 111–114
 using Quick Control screen in, 116–117
 Live View Functions, Setup Menu 2, 36
 Live View mode
 exposure and, 145
 exposure settings, 142
 picture quality and, 109
 Picture-Taking Settings, 226
 Live View/Movie/Print/Share button, 22
 lock
 autoexposure, 330–331
 autofocusing, 330–331
 lock switch, 18
 locking flash exposure, 179–180
 long lens (telephoto lens), 109, 205
 looping, slide show, 295
 lossy compression, 77
 low-level formatting, 34

• M •

M (manual exposure) mode, 45, 133, 143, 153, 174
 M (Medium) resolution setting, 71
 macro lens, 240
 magic hours, 238
 magnification factor (crop factor), 205
 magnified images, 265
 mail-order delivery, 281
 Main dial, 20, 88–89, 169
 Maintain Original option, cropping, 308
 Manual AF Point Selection mode, 189
 manual exposure (M) mode, 45, 133, 143, 153, 174
 manual focus, 14–15, 234
 Manual focus point, 196
 Manual Mode option, 303
 Manual option, cropping, 308
 Manual Reset option, 33
 maximum burst frames, 30
 MediaRecover, 102

Medium (M) resolution setting, 71
 megapixel (MP), 71
 memory buffer, 30
 memory cards
 deleting all images on, 102–103
 overview, 17–18
 picture capacity, 74
 MemoryCard Utility, Canon, 258–260
 Menu button, 23
 menus
 commands, 4
 customizing, 338–341
 ordering from, 25–26
 metadata, 263, 341
 metering mode, 96, 108, 144–148
 Metering option, Picture-Taking Settings, 226
 Metering Timer option, Live View mode, 111
 Metering timer option, Movie menu, 122–123
 midtones, 99, 314
 mireds, 215
 mirror lockup, 333–334
 Mirror Lock-Up function, 109
 Mode dial, 19
 modes, autofocus, 193–195
 monitor
 and battery, 109
 deleting photos, 101–105
 instant review, 86
 overview, 85–86
 protecting photos, 105–107
 recording movies, 117–127
 resolution and, 286
 using as viewfinder, 107–117
 viewing images in Playback mode, 86–93
 viewing picture data, 93–101
 Monochrome Picture Style, 221–222
 motion blur, 137
 mounting index, 11
 mouse, using as shutter button, 268
 Movie Menu, 25
 Movie menu options, 122–123
 Movie mode, autofocus in
 choosing mode, 193–195
 Live mode, 198–199
 Live mode with face detection, 199–200
 overview, 192–193
 Quick mode, 195–197
 Movie Rec. Size option, Movie menu, 123
 Movie Size/Time Remaining value, 121

movies
 changing information display, 120–122
 overview, 117–119
 playing, 127–128
 setting recording options, 122–124
 shooting, 124–127
 Movies option, 89, 294
 moving subject, 141
 Mozy, 252
 MP (megapixel), 71
 multiple images, viewing, 87–88
 My Menu feature, 25, 38
 My Pictures folder, 256, 260

• N •

nature scenes, 240
 Navigator window, ZoomBrowser EX, 264
 Neutral Picture Style, 221–222
 Night Portrait mode, 45, 55–56, 230
 nighttime city shot, 238
 noise, 109, 138, 150–151, 270
 non-moving subject, 141
 Normal setting, 77–78

• O •

Off mode, flash, 45
 Off option, instant review, 86
 On mode, flash, 45
 One-Shot mode, 190
 online photo sharing, 281–282, 292
 online printing sites, 281
 On/Off switch, 18–19
 organization of photos
 processing Raw (CR2) files, 268–272
 using ZoomBrowser EX/ImageBrowser, 260–268
 orientation, 90–91
 Orientation icons, 284
 Original Data Decision Security Kit OSK-E3, 338
 original decision data, 98, 338
 outdoor portraits, 228

• P •

P (programmed autoexposure) mode, 45, 132, 144, 152–153, 174
 Partial metering, 145

- Peripheral Illumination Correction, 163–165
- photo paper, 280
- photo-download wizard, 253
- photography
 - action, 232–235
 - basic picture settings, 226
 - close-up, 239–241
 - landscape, 236–239
 - overview, 225
 - scenic, 236–239
 - setting up for specific scenes, 226–241
 - special situations, 241–243
- photos. *See also* editing photo; picture data; sharing photos
 - deleting, 101–105
 - Highlight Tone Priority, 161–163
 - jumping through, 88–90
 - organizing in ZoomBrowser EX/ImageBrowser, 263–268
 - printing, 273–286
 - processing Raw (CR2) files, 268–272
 - protecting, 105–107
 - quality of, 65–70. *See also* file formats; resolution
 - rotating vertical pictures, 90–92
 - sending to computer, 249–260
 - viewing in Playback mode, 86–93
 - viewing multiple at the same time, 87–88
 - zooming in, 92–93
- PictBridge, 287
- picture data
 - Histogram display mode, 99–101
 - information display modes, 94–95
 - overview, 93–94
 - Shooting Information display, 95–98
- picture settings, 226
- Picture Style button, 223
- Picture Style, Image Quality Adjustment panel, 270
- Picture Style option, Picture-Taking Settings, 226
- Picture Style setting
 - Close-Up mode, 54
 - Creative Auto mode, 60
 - Full Auto mode, 48
 - Landscape mode, 52
 - Night Portrait mode, 56
 - Playback mode, 114
 - Portrait mode, 51
 - Sports mode, 54
- Picture Styles, 221–224
- pictures. *See* photos
- picture-taking technique, 40–44
- pixel dimension, 71
- pixels
 - checking count before printing, 274–276
 - defined, 71
 - and file size, 73–74
 - and print quality, 71–72
 - resolution recommendations, 75
 - and screen display size, 72–73
- pixels per inch (ppi), 71, 274
- Play in slow motion control, 128
- Playback button, 23
- Playback mode
 - jumping through images, 88–90
 - overview, 86–87
 - rotating vertical pictures, 90–92
 - viewing multiple images at the same time, 87–88
 - zooming in for closer view, 92–93
- Playback 1 menu, 25
- Playback 2 menu, 25
- playing movies, 127–128
- Portrait mode, 45, 50–51
- portrait orientation, 91
- Portrait Picture Style, 221–222
- Portrait setting, 44
- portraits
 - FEL and, 180
 - indoor, 228
 - outdoor, 228
 - still, 227–232
- posterization, 80
- ppi (pixels per inch), 71, 274
- Preferences dialog box, 256–257
- preflash, 179
- previewing depth of field, 207
- Previous/next buttons, ZoomBrowser EX, 264
- print proportions, 276–278
- printing
 - allowing for different print proportions, 276–278
 - checking pixel count before, 274–276
 - colors, 278–281
 - computerless, 287
 - in-store, 281–282
 - online, 281–282
 - overview, 273–274
 - from ZoomBrowser EX/ImageBrowser, 282–286

profile, monitor, 280
 programmed autoexposure (P) mode, 45,
 132, 144, 152–153, 174
 Protect feature, 94
 protecting photos, 105–107

• Q •

Quality settings, 49, 60, 68–70, 95, 97, 115
 Quick Control screen
 adjusting recording settings, 123–124
 adjusting white balance setting, 210
 applying exposure compensation, 156
 flash and, 177
 metering mode, 147
 overview, 28–30
 selecting Picture Style, 223
 setting AF mode, 191–192
 setting modes in Live View, 194
 using in Live View, 116–117
 Quick mode autofocus, 195–197

• R •

Radius slider, Unsharp Mask filter, 322
 Raw (CR2) format, 79–83, 268–272
 raw converter, 268
 Raw Image Task tool, 269
 RAW setting, 82
 RAW+Large/Fine setting, 82
 read-only status, 106
 rear-curtain sync (2nd-curtain sync), 181
 recording movies
 changing information display, 120–122
 overview, 117–119
 playing movies, 127–128
 setting recording options, 123–124
 shooting, 124–127
 red, green, blue (RGB) histogram, 100–101
 red label indicator on camera, 21
 Red slider, color balance, 313
 Red-Eye Reduction flash, 46–47
 Red-Eye Reduction/Self-Timer Lamp, 20
 red-eye removal, ZoomBrowser EX/
 ImageBrowser, 302–306
 reflective surfaces, shooting, 243
 registering your lens, 165
 Release shutter without card option,
 Shooting Menu 1, 38
 Remote control option, Movie menu, 123

remote-control shooting, 193
 removing lens, 12
 Rename File option, 271
 replacement ink, 280
 resampling, 72, 275
 Resize Images During Export check box,
 290
 Resize the Image box, 290
 resolution
 defined, 71
 monitor and, 286
 overview, 70–71
 pixels and file size, 73–74
 pixels and print quality, 71–72
 pixels and screen display size, 72–73
 recommendations, 75
 Resolution option, 271
 Review Time option, 86
 rewind control, 128
 RGB (red, green, blue) histogram, 100–101
 RGB color mode, Adobe, 219–220
 rotating vertical pictures, 90–92

• S •

S (short back focus) design, 10
 S (Small) resolution setting, 71
 saturation, 272
 Save Folder option, 271
 saving files, ZoomBrowser EX/
 ImageBrowser, 326
 scene modes, fully automatic
 Close-Up mode, 53–54
 Flash Off mode, 56
 Landscape mode, 51–52
 Night Portrait mode, 55–56
 overview, 49–50
 Portrait mode, 50–51
 Sports mode, 54–55
 scenes, setting up for
 capturing action, 232–235
 capturing dynamic close-ups, 239–241
 capturing scenic vistas, 236–239
 overview, 226
 shooting still portraits, 227–232
 scenic photography, 236–239
 Screen Color option, Setup Menu 1, 35
 SD (Secure Digital) card, 17, 248, 287
 SD speed class rating, 17
 SDHC (high-capacity SD) card, 17

- 2nd-curtain sync (rear-curtain sync), 181
- Secure Digital (SD) card, 17, 248, 287
- selected images, deleting, 103–105
- self-serve print kiosk, 281
- Self-Timer Continuous option, 62
- Self-Timer/Remote Control mode, 61
- Self-Timer/Remote modes, 170
- sensor cleaning, 334–336
- Sensor Cleaning option, Setup Menu 2, 36
- Set button, 22–23, 92, 109, 327–329
- settings, camera
 - Camera Settings display, 31–32
 - ordering from menus, 25–26
 - overview, 24
 - Quick Control screen, 28–30
 - using Shooting Settings display, 27–28
 - viewfinder data, 30–31
- setup options
 - My Menu feature, 38
 - overview, 33
 - Setup Menu 1, 33–35
 - Setup Menu 2, 35–36
 - Setup Menu 3, 37
 - Shooting Menu 1, 37–38
- Shadows slider, 316
- shake, camera, 334
- shallow (small) depth of field, 200
- sharing photos
 - in-camera slide show, 293–295
 - overview, 273–274
 - preparing for e-mail, 286–292
 - preparing for online sharing, 286–292
 - viewing on television, 296–297
- sharpening, 221
- sharpening halos, 320–322
- sharpening, ZoomBrowser EX/
ImageBrowser, 320–323
- shooting data, customizing in Live View,
114–116
- Shooting information
 - ImageBrowser window, 262
 - ZoomBrowser EX window, 261
- Shooting Information display, 95–98
- Shooting Menu 1, 25, 37–38, 69
- Shooting Menu 2, 25, 147, 177, 223
- Shooting Settings display
 - overview, 27–28
 - turning off, 337–338
- Shooting Settings screen, Creative Auto
mode, 57
- short back focus (S) design, 10
- Shutter button, 20
- shutter button, using mouse as, 268
- shutter speed
 - balancing with ISO and aperture, 141
 - controlling, 152–155
 - defined, 135
 - depth of field and, 204
 - exposure-setting side effects, 136–140
 - motion blur and, 137
 - overview, 133–135
 - Sports mode, 54
- Shutter Sync option, 181
- Shutterfly, 252
- shutter-priority autoexposure (Tv)
mode, 45, 132, 144, 153, 174
- Single mode, AEB, 170
- Single setting, 61
- single-lens reflex (SLR) lens, 10
- slide show, in-camera, 293–295
- slow motion playback, 128
- SLR (single-lens reflex) lens, 10
- Small (S) resolution setting, 71
- small (shallow) depth of field, 200
- software menu commands, 4
- software shown in book, 5
- sound recording, 118
- Sound Recording option, Movie
menu, 123
- special situations, 241–243
- Specific Aspect Ratios, cropping, 308
- speed class rating, SD, 17
- Speedlite 580EX II, Canon, 182
- Sports mode, 45, 54–55, 234
- Spot metering, 145
- sRGB (standard red, green, blue)
color mode, 219–220
- s-shaped curve, 319
- Standard Picture Style, 221–222
- standard red, green, blue (sRGB)
color mode, 219–220
- Still picture capture, 119
- still portraits, 227–232
- Still Quality setting, 121
- Stills option, 89, 294
- sunrise/sunset shots, 237

• T •

- tagging files with copyright claims, 341–342
- telephoto lens (long lens), 109, 205
- television, viewing photos on, 296–297
- temperature, internal, 127
- text, ZoomBrowser EX/ImageBrowser, 324–326
- third-party lens, 165
- Threshold slider, Unsharp Mask filter, 323
- TIFF file format, 326
- tonal range, 99
- tone curve, 317
- Tone Curve Adjustment filter,
 - ZoomBrowser EX/ImageBrowser, 317–320
- topside controls, 18–20
- total images value, 98
- total number value, 94–95
- transfer process
 - Canon tools, 253–260
 - connecting camera and computer, 249–251
 - overview, 247–249
 - starting, 251–253
- Trim Image editing window, 283
- Trimming Frame buttons, 284
- tripod, 112, 237
- Tv (shutter-priority autoexposure) mode, 45, 132, 144, 153, 174

• U •

- Unsharp Mask filter, 322
- Use the Rule of Thirds gridlines, 309

• V •

- vertical pictures, rotating, 90–92
- vibration compensation, 14
- video format, 118–119
- video playback, 296
- Video System option, Setup Menu 2, 36
- Viewer window, 266

- viewfinder
 - adjusting focus, 15–16
 - data in, 30–31
 - using monitor as, 107–117
- Viewfinder adjustment knob, 15
- viewing photos on television, 296–297
- vignetting, lens, 163–165

• W •

- warming filter, 216
- waterfall shot, 237
- WB button, 210–211
- White Balance Bracketing, 32, 216–219
- White Balance settings
 - changing, 210–211
 - correcting colors with, 208–210
 - creating custom, 212–213
 - fine-tuning, 214–216
 - White Balance Bracketing, 216–219
- white label indicator on camera, 21
- wide angle lens, 204

• Z •

- zones, 19
- Zoom barrel, 13
- ZoomBrowser EX
 - adding text, 324–326
 - adjusting color balance, 312–314
 - adjusting color saturation, 309–312
 - adjusting exposure, 314–320
 - Auto Adjustment option, 323–324
 - cropping, 306–309
 - folder collections, 266–268
 - overview, 260–263, 301–302
 - printing from, 282–286
 - removing red-eye, 302–306
 - saving edited files, 326
 - sharpening, 320–323
 - viewing photos in full-screen mode, 263–266
- zooming, 15, 92–93