

Who Creates and Maintains CSS?

How the Internet Works

How CSS Came to Be

Browsers

Internet Explorer

The Gecko Browsers: Mozilla Firefox, Netscape, Camino

Safari

Opera

Writing CSS

Your First CSS-Enabled Document

Advantages of Using CSS

Summary

Chapter 2: The Essentials

CSS Rules

Selectors

Declarations

Grouping Selectors

CSS Comments

Values

Keywords

Strings

Length and Measurement

Numbers

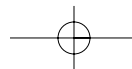
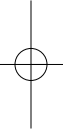
The URI

Including CSS in a Document

Including an Embedded Style Sheet

Linking to External Style Sheets

COPYRIGHTED MATERIAL



Contents

Importing Style Sheets	56
Inline Styles	56
Summary	57
Exercises	58
Chapter 3: Selectors	59
<hr/>	
Class and ID Selectors	60
Class Selectors	60
ID Selectors	63
The Universal Selector	68
Descendant Selectors	71
Direct Child Selectors	75
Next Sibling Selector	79
Attribute Selectors	82
Selection Based on the Value of an Attribute	83
Attribute Substring Selectors	87
Pseudo-Elements :first-letter and :first-line	93
Pseudo-Classes	97
Dynamic Pseudo-Classes	97
The first-child Structural Pseudo-Class	102
Summary	106
Exercises	106
Chapter 4: The Cascade and Inheritance	109
<hr/>	
The Cascade	109
Calculating the Specificity of a Selector	112
!important Rules	118
Inheritance	121
Summary	125
Exercises	126
Part II: Properties	
Chapter 5: Text Manipulation	131
<hr/>	
The letter-spacing Property	132
The word-spacing Property	137
Indenting Paragraph Text Using text-indent	141
Aligning Text with the text-align Property	147
The text-decoration Property	150

The text-transform Property	155
The white-space Property	158
Summary	164
Exercises	164
Chapter 6: Fonts	167
<hr/>	
Specifying Fonts with the font-family Property	167
Font Families	169
Generic Font Families	171
The font-style Property	175
The font-variant Property	181
The font-weight Property	183
The font-size Property	185
Absolute Font Sizes	185
Relative Font Sizes	187
Percentage Font Sizes	189
The font Shorthand Property	194
The font Properties	194
System Fonts	200
Summary	203
Exercises	203
Chapter 7: The Box Model	205
<hr/>	
Overview	205
Margin	208
Margin Property with Four Values	209
Margin Property with Three Values	211
Margin Property with Two Values	213
Margin Property with One Value	214
Margin Collapsing	216
Horizontally Aligning Elements with the Margin Property	220
Borders	230
border-width	230
border-style	233
border-color	236
Border Shorthand Properties	236
Padding	242
Setting Dimensions	244
width	245
height	247

Contents

Auto Values for width and height	249
Percentage Measurements	255
Quirks Mode width and height in Internet Explorer	256
Minimum and Maximum Dimensions	259
Overflowing Content	271
CSS 3 overflow-x and overflow-y	273
Summary	273
Exercises	274
Chapter 8: CSS Buoyancy: Floating and Vertical Alignment	277
The float Property	277
Floating Box Model	282
The clear Property	293
Float Bugs in IE 6	298
The Peek-A-Boo Bug	298
The Guillotine Bug	300
The Three-Pixel Jog	303
The Double-Margin Bug	305
The vertical-align Property	306
Subscript and Superscript Text	307
The top, middle, and bottom Keywords	308
The text-top and text-bottom Keywords	310
Percentage and Length Value	311
Vertically Aligning the Contents of Table Cells	312
Summary	318
Exercises	319
Chapter 9: List Properties	321
The list-style-type Property	321
Styling Unordered Lists	322
Styling Ordered Lists	324
The list-style-image Property	330
The list-style-position Property	331
The list-style shorthand Property	333
Summary	337
Exercises	337
Chapter 10: Backgrounds	339
The background-color Property	339
The background-image Property	343

The background-repeat Property	346
The background-position Property	350
Mixing Different Kinds of Position Values	352
Tiling and Position	354
The background-attachment Property	360
The background shorthand Property	365
Summary	369
Exercises	370
<hr/> Chapter 11: Positioning	<hr/> 371
Introduction to Positioning	372
Absolute Positioning	372
Relative Positioning	381
Fixed Positioning	389
The z-axis and the z-index Property	428
The z-index Property with an Integer Value	430
Layering Nested Elements	433
The IE 6/IE 7 z-index Bug	434
Other Ways to Apply Positioning	441
Horizontally and Vertically Aligning Positioned Content	441
Multicolumn Layout	444
Summary	452
Exercises	452
<hr/> Chapter 12: Tables	<hr/> 455
Optional Table Elements	455
Table Captions and the caption-side Property	457
Table Columns	459
Controlling Table Width with the table-layout Property	469
Removing Cell Spacing with the border-collapse Property	478
The border-spacing Property	479
Summary	484
Exercises	484
 Part III: Advanced CSS and Alternative Media	
<hr/> Chapter 13: Styling for Print	<hr/> 487
Applying Styles Based on Media	487
The @media Rule	491

Contents

Controlling Page Breaks	497
Summary	500
Exercises	500
Chapter 14: XML	501
Crash Course in XML	502
Creating an XML Schema	505
The XML Declaration	510
The display Property	514
Styling Inline Elements with display: inline	515
Styling Block Elements with display: block	516
Styling List Items with display: list-item	517
Table Display Values	523
Other Display Values	534
Summary	535
Exercises	536
Chapter 15: The Cursor Property	537
Cursor Compatibility	538
Custom Cursors	540
Additional CSS Resources	542
Beginning CSS, Second Edition Online	542
Summary	542
Exercises	543
Appendix A: Answers to Exercises	545
Appendix B: CSS Reference	563
Appendix C: CSS Colors	593
Appendix D: Browser Rendering Modes	607
Index	611