

CSS Reference

This appendix provides the following information:

- ⦿ CSS notation reference
- ⦿ Alphabetical CSS property reference
- ⦿ CSS measurement units

This appendix includes all CSS2 properties and the more commonly supported CSS3 property descriptions, sorted both alphabetically and by category. For more detailed information, visit the World Wide Web Consortium Web site at www.w3.org.

CSS Notation Reference

Table B-1 lists the notation symbols used in CSS properties.

Notation	Definition
<>	Words between angle brackets specify a type of value; for example, <color> means to enter a color value such as red
	A single vertical bar between values means one or the other must occur; for example, scroll fixed means choose scroll or fixed
	Two vertical bars separating values means one or the other or both values can occur; for example, <border-width> <border-style> <color> means any or all of the three values can occur
[]	Square brackets group parts of the property value together; for example, none [underline overline line-through blink] means the value is either none or one of the values within the square brackets

Table B-1 CSS Notations

Alphabetical CSS Property Reference

Table B-2 describes the CSS properties in alphabetical order.

Property	New in CSS 3	Values	Default	Applies to	Inherited
Background		<background-color> <background-image> <background-repeat> <background-attachment> <background-position>	None	All elements	No
Background-attachment		scroll fixed	scroll	All elements	No
Background-color		color name or hexadecimal value transparent	transparent	All elements	No
Background-image		<url> none	none	All elements	No
Background-position		[<percentage> <length>] {1,2} [top center bottom] [left center right]	0% 0%	Block-level and replaced elements	No

Table B-2 CSS Properties (*continues*)

(continued)

Property	New in CSS 3	Values	Default	Applies to	Inherited
Background-repeat		repeat repeat-x repeat-y no-repeat	repeat	All elements	No
Border		<border-width> <border-style> <color>	None	All elements	No
Border-bottom		<border-bottom-width> <border-style> <color>	None	All elements	No
Border-bottom-color		<color>	Value of the color property	All elements	No
Border-bottom-left-radius	√	[<length> <percentage>] [<length> <percentage>]	0	All elements	No
Border-bottom-right-radius	√	[<length> <percentage>] [<length> <percentage>]	0	All elements	No
Border-bottom-style		none dotted dashed solid double groove ridge inset outset	none	All elements	No
Border-bottom-width		thin medium thick <length>	medium	All elements	No
Border-collapse		separate collapse	separate	<table> element	Yes
Border-color		<color>	Value of the color property	All elements	No
Border-left		<border-left-width> <border-style> <color>	None	All elements	No
Border-left-color		<color>	Value of the color property	All elements	No
Border-left-style		none dotted dashed solid double groove ridge inset outset	none	All elements	No
Border-left-width		thin medium thick <length>	medium	All elements	No
Border-radius	√	[<length> <percentage>] {1,4} [/ [<length> <percentage>] {1,4}]	0	All elements	No
Border-right		<border-right-width> <border-style> <color>	None	All elements	No

Table B-2 CSS Properties (continues)

(continued)

Property	New in CSS 3	Values	Default	Applies to	Inherited
Border-right-color		<color>	Value of the color property	All elements	No
Border-right-style		none dotted dashed solid double groove ridge inset outset	none	All elements	No
Border-right-width		thin medium thick <length>	medium	All elements	No
Border-style		none dotted dashed solid double groove ridge inset outset	none	All elements	No
Border-top		<border-top-width> <border-style> <color>	None	All elements	No
Border-top-color		<color>	Value of the color property	All elements	No
Border-top-left-radius	√	[<length> <percentage>] [<length> <percentage>]	0	All elements	No
Border-top-right-radius	√	[<length> <percentage>] [<length> <percentage>]	0	All elements	No
Border-top-style		none dotted dashed solid double groove ridge inset outset	none	All elements	No
Border-top-width		thin medium thick <length>	medium	All elements	No
Border-width		[thin medium thick <length>]	None	All elements	No
Bottom		<length> <percentage> auto	auto	Positioned elements	
Box-shadow	√	none <shadow> [, <shadow>]*	None	All elements	No
Caption-side		top bottom	top	<caption> element	Yes
Clear		none left right both	none	All elements	No
Color		<color>	Browser specific	All elements	Yes

Table B-2 CSS Properties (continues)

(continued)

Property	New in CSS 3	Values	Default	Applies to	Inherited
Display		inline block list-item run-in compact marker table inline-table table-row-group table-header-group table-footer-group table-row table-column-group table-column table-cell table-caption none	inline	All elements	No
Float		left right none	none	All elements	No
Font		[<font-style> <font-variant> <font-weight>] <font-size> [/ <line-height>] <font-family>	None	All elements	Yes
Font-family		Font family name (such as Times) or generic family name (such as sans-serif)	Browser specific	All elements	Yes
Font-size		<absolute-size> <relative-size> <length> <percentage>	medium	All elements	Yes
Font-size-adjust	√	<number> none inherit	None	All elements	Yes
Font-stretch		normal wider narrower ultra-condensed extra-condensed condensed semi-condensed semi-expanded expanded extra-expanded ultra-expanded	normal	All elements	Yes
Font-style		normal italic oblique	normal	All elements	Yes
Font-variant		normal small caps	normal	All elements	Yes
Font-weight		normal bold bolder lighter 100 200 300 400 500 600 700 800 900	normal	All elements	Yes
Height		<length> <percentage> auto	auto	Block-level and replaced elements; also all elements except inline images	No
Left		<length> <percentage> auto	auto	Positioned	No

Table B-2 CSS Properties (continues)

(continued)

Property	New in CSS 3	Values	Default	Applies to	Inherited
Letter-spacing		normal <length>	normal	All elements	Yes
Line-height		normal <number> <length> <percentage>	normal	All elements	Yes
List-style		<keyword> <position> <url>	None	Elements with display value list-item	Yes
List-style-image		<url> none	none	Elements with display value list-item	Yes
List-style-position		inside outside	outside	Elements with display value list-item	Yes
List-style-type		disc circle square decimal lower-roman upper-roman lower-alpha upper-alpha none	disc	Elements with display value list-item	Yes
Margin		[<length> <percentage> auto]	None	All elements	No
Margin-bottom		<length> <percentage> auto	0	All elements	No
Margin-left		<length> <percentage> auto	0	All elements	No
Margin-right		<length> <percentage> auto	0	All elements	No
Margin-top		<length> <percentage> auto	0	All elements	No
Max-Width	√	<length> <percentage> auto	auto	All elements but inline text elements and table rows	No
Min-Width	√	<length> <percentage> auto	auto	All elements but inline text elements and table rows	No
Opacity	√	<alphavalue> inherit	1	All elements	No
Overflow	√	[visible hidden scroll auto]	visible	All elements	No
Padding		<length> <percentage>	0	All elements	No
Padding-bottom		<length> <percentage>	0	All elements	No
Padding-left		<length> <percentage>	0	All elements	No
Padding-right		<length> <percentage>	0	All elements	No
Padding-top		<length> <percentage>	0	All elements	No

Table B-2 CSS Properties (continues)

(continued)

Property	New in CSS 3	Values	Default	Applies to	Inherited
Position		static relative absolute fixed	static	All elements except generated content	No
Right		<length> <percentage> auto	auto	Positioned elements	No
Text-align		left right center justify	Depends on browser and language direction	Block-level elements	Yes
Text-decoration		none [underline overline line-through blink]	none	All elements	No
Text-decoration-color	√	<color>	Current color	All elements	No
Text-decoration-style	√	solid double dotted dashed wave	Solid	All elements	No
Text-indent		<length> <percentage>	0	Block-level	Yes
Text-outline	√	none [<color> <length> <length>? <length> <length>? <color>]	none	All elements	Yes
Text-shadow		none [<color> <length> <length> <length>? ,]* [<color> <length> <length> <length>?]	none	All elements	Yes
Text-transform		capitalize uppercase lowercase none	none	All elements	No
Text-wrap	√	normal unrestricted none suppress	normal	All elements	Yes
Top		<length> <percentage> auto	auto	Positioned	
Vertical-align		baseline sub super top text-top middle bottom text-bottom <percentage>	baseline	Inline elements	No
White-space		normal pre nowrap	normal	Block-level elements	

Table B-2 CSS Properties (continues)

(continued)

Property	New in CSS 3	Values	Default	Applies to	Inherited
Width		<length> <percentage> auto	auto	All elements but inline text elements and table rows	No
Word-spacing		normal <length>	normal	All elements	Yes
Word-wrap	√	normal break-word	normal	All elements	Yes
Z-index		auto integer	auto	Positioned elements	No

Table B-2 CSS Properties

CSS Measurement Units

Table B-3 defines the CSS measurement units.

Unit	Code Abbreviation	Description
Centimeter	cm	Standard metric centimeter
Em	em	Width of the capital M in the current font, usually the same as the font size
Ex	ex	Height of the letter x in the current font
Inch	in	Standard U.S. inch
Millimeter	mm	Standard metric millimeter
Pica	pc	Standard publishing unit equal to 12 points
Pixel	px	Size of a pixel on the current display
Point	pt	Standard publishing unit; 72 points in an inch
Relative	For example: 150%	Sets a font size relative to the base font size; 150% equals 1.5 times the base font size

Table B-3 CSS Measurement Codes