

Name	CSS 2.1 Properties Values	Initial Value	Applies To	Inherit Media Group
azimuth	<i>angle</i> [[left-side far-left left center-left center center-right right far-right right-side] behind] leftwards rightwards	center		yes aural
background-attachment	scroll fixed	scroll		no visual
background-color	<i>color</i> transparent	transparent		no visual
background-image	url(<i>url</i>) none	none		no visual
background-position	[[<i>percentage</i> <i>length</i> left center right] [<i>percentage</i> <i>length</i> top center bottom]?] [[left center right] [top center bottom]]	0% 0%		no visual
background-repeat	repeat repeat-x repeat-y no-repeat	repeat		no visual
background	[<i>background-color</i> <i>background-image</i> <i>background-repeat</i> <i>background-attachment</i> <i>background-position</i>]			no visual
border-collapse	collapse separate	collapse	table and inline-table elements	yes visual
border-color	<i>color</i> (1,4) transparent			no visual
border-spacing	<i>length length?</i>	0	table and inline-table elements	yes visual
border-style	[none hidden dotted dashed solid double groove ridge inset outset](1,4)			no visual
border-top border-right border-bottom border-left	[<i>border-top-width</i> <i>border-top-style</i>]			no visual
border-top-color border-right-color border-bottom-color border-left-color	<i>color</i>	value of color property		no visual
border-top-style border-right-style border-bottom-style border-left-style	<i>border-style</i>	none		no visual
border-top-width border-right-width border-bottom-width border-left-width	<i>border-width</i>	medium		no visual
border-width	[thin medium thick <i>length</i>](1,4)			no visual
border	[<i>border-width</i> <i>border-style</i> <i>color</i>]			no visual
bottom	<i>length</i> <i>percentage</i> auto	auto	positioned elements	no visual
caption-side	top bottom left right	top	table-caption elements	yes visual
clear	none left right both	none	block-level elements	no visual
clip	[rect(<i>length</i> auto)(4)] auto	auto	block-level and replaced elements	no visual
color	<i>color</i>	depends on UA		yes visual

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... Continued Name	CSS 2.1 Properties Values	Initial Value	Applies To	Inherit Media Group
content	normal none [<i>string</i> url(<i>url</i>) attr(<i>attribute-name</i>) open-quote close-quote no-open-quote no-close-quote]+	empty string	:before and :after pseudo-elements	no all
counter-increment	[<i>identifier integer?</i>]+ none	none		no all
counter-reset	[<i>identifier integer?</i>]+ none	none		no all
cue-after	url(<i>url</i>) none	none		no aural
cue-before	url(<i>url</i>) none	none		no aural
cue	[<i>cue-after</i> <i>cue-before</i>]			no aural
cursor	[[url(<i>url</i>)]* auto crosshair default pointer move e-resize ne-resize nw-resize n-resize se-resize sw-resize s-resize w-resize text wait help progress]]	auto		yes visual interactive
direction	ltr rtl	ltr	all elements but see CSS standard	yes visual
display	inline block list-item run-in inline-table 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		no all
elevation	<i>angle</i> below level above higher lower	level		yes aural
empty-cells	show hide	show	table-cell elements	yes visual
float	left right none	none	all but positioned elements and generated text (see 9.7 in CSS 2.1)	no visual
font-family	[[<i>family-name</i> <i>generic-family</i> [<i>family-name</i> <i>generic-family</i>]*]]	depends on UA		yes visual
font-size	<i>absolute-size</i> <i>relative-size</i> <i>length</i> <i>percentage</i>	medium		yes visual
font-style	normal italic oblique	normal		yes visual
font-variant	normal small-caps	normal		yes visual
font-weight	normal bold bolder lighter 100 200 300 400 500 600 700 800 900	normal		yes visual
font	[[<i>font-style</i> <i>font-variant</i> <i>font-weight</i> ? <i>font-size</i> [<i>line-height</i> ? <i>font-family</i> caption icon menu message-box small-caption status-bar			yes visual
height	<i>length</i> <i>percentage</i> auto	auto	all elements but non-replaced inline elements, table columns and column groups	no visual
left	<i>length</i> <i>percentage</i> auto	auto	positioned elements	no visual
letter-spacing	normal <i>length</i>	normal		yes visual
line-height	normal <i>number</i> <i>length</i> <i>percentage</i>	normal		yes visual

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... Continued Name	CSS 2.1 Properties Values	Initial Value	Applies To	Inherit Media Group
list-style-image	url(<i>url</i>) none	none	elements with display: list-item	yes visual
list-style-position	inside outside	outside	elements with display: list-item	yes visual
list-style-type	disc circle square decimal decimal-leading-zero lower-roman upper-roman lower-greek lower-latin upper-latin armenian georgian lower-alpha upper-alpha none	disc	elements with display: list-item	yes visual
list-style	[<i>list-style-type</i> <i>list-style-position</i> <i>list-style-image</i>]		elements with display: list-item	yes visual
margin-top margin-right margin-bottom margin-left	<i>margin-width</i>	0	all elements except elements with table display types other than table-caption, table and inline-table	no visual
margin	<i>margin-width</i> {1,4}		<i>as above</i>	no visual
max-height	<i>length</i> <i>percentage</i> none	none	all elements but non-replaced inline elements, table columns, and column groups	no visual
max-width	<i>length</i> <i>percentage</i> none	none	all elements but non-replaced inline elements, table rows, and row groups	no visual
min-height	<i>length</i> <i>percentage</i>	0	<i>as above</i>	no visual
min-width	<i>length</i> <i>percentage</i>	UA dependent	<i>as above</i>	no visual
orphans	<i>integer</i>	2	block-level elements	yes visual
outline-color	<i>color</i> invert	invert		no visual
outline-style	<i>border-style</i>	none		no visual
outline-width	<i>border-width</i>	medium		no visual
outline	[<i>outline-color</i> <i>outline-style</i> <i>outline-width</i>]			no visual
overflow	visible hidden scroll auto	visible	non-replaced block-level elements, table cells, and inline-block elements	no visual
padding-top padding-right padding-bottom padding-left	<i>padding-width</i>	0	all elements except table-row-group, table-header-group, table-footer-group, table-row, table-column-group and table-column	no visual
padding	<i>padding-width</i> {1,4}		<i>as above</i>	no visual
page-break-after	auto always avoid left right	auto	block-level elements	no visual paged

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... Continued Name	CSS 2.1 Properties Values	Initial Value	Applies To	Inherit Media Group
page-break-before	auto always avoid left right	auto	block-level elements	no visual paged
page-break-inside	avoid auto	auto	block-level elements	no visual paged
pause-after	<i>time</i> <i>percentage</i>	0		no aural
pause-before	<i>time</i> <i>percentage</i>	0		no aural
pause	[<i>time</i> <i>percentage</i>]{1,2}			no aural
pitch-range	<i>number</i>	50		yes aural
pitch	<i>frequency</i> x-low low medium high x-high	medium		yes aural
play-during	url(<i>url</i>) [mix repeat]? auto none	auto		no aural
position	static relative absolute fixed	static		no visual
quotes	[<i>string string</i>]+ none	depends on UA		yes visual
richness	<i>number</i>	50		yes aural
right	<i>length</i> <i>percentage</i> auto	auto	positioned elements	no visual
speak-header	once always	once	elements that have table header information	yes aural
speak-numeral	digits continuous	continuous		yes aural
speak-punctuation	code none	none		yes aural
speak	normal none spell-out	normal		yes aural
speech-rate	<i>number</i> x-slow slow medium fast x-fast faster slower	medium		yes aural
stress	<i>number</i>	50		yes aural
table-layout	auto fixed	auto	table and inline-table elements	no visual
text-align	left right center justify	depends on UA and writing direction	block-level elements	yes visual
text-decoration	none [underline overline line-through blink]	none		no (1) visual
text-indent	<i>length</i> <i>percentage</i>	0	block-level elements, table cells and inline blocks	yes visual
text-transform	capitalize uppercase lowercase none	none		yes visual
top	<i>length</i> <i>percentage</i> auto	auto	positioned elements	no visual
unicode-bidi	normal embed bidi-override	normal	all elements but see CSS standard	no visual
vertical-align	baseline sub super top text-top middle bottom text-bottom <i>percentage</i> <i>length</i>	baseline	inline-level and table-cell elements	no visual
visibility	visible hidden collapse	visible		yes visual

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... Continued Name	CSS 2.1 Properties Values	Initial Value	Applies To	Inherit Media Group
voice-family	[[<i>specific-voice</i> <i>generic-voice</i>],]* [<i>specific-voice</i> <i>generic-voice</i>]	depends on UA		yes aural
volume	<i>number</i> <i>percentage</i> <i>silent</i> <i>x-soft</i> <i>soft</i> <i>medium</i> <i>loud</i> <i>x-loud</i>	medium		yes aural
white-space	normal pre nowrap pre-wrap pre-wrap	normal		yes visual
widows	<i>integer</i>	2	block-level elements	yes visual
width	<i>length</i> <i>percentage</i> auto	auto	all elements but non-replaced inline elements, table rows and row groups	no visual
word-spacing	normal <i>length</i>	normal		yes visual
z-index	auto <i>integer</i>	auto	positioned elements	no visual

CSS 2.1 Properties

Property Table Notes

- The table is based on Appendix F of the CSS 2.1 specification (Bos et al., 2009); Flanagan (2006, chp 16); the *CSS Quick Reference* from Lie and Bos (2005).
- The default for **Applies to** is all elements.
- The note (1) indicates that the CSS 2.1 specification has some extra information here.
- All properties also have the *inherit* value — each of the values should have *inherit* at the end.
- Items in *fixed width font* are literal keywords.
- Items in *bold italics* specify a data type.
- Item in *fixed width italic font* represent some other CSS property.
- Values separated by | are alternatives — specify one.
- Values separated by || are options — specify one or more.
- Square brackets [] are used for grouping; An asterisk (*) specifies zero or more of the preceding item; a plus sign (+) specifies one or more; a question mark (?) specifies zero or one.
- Number in curly braces specify a number of repetitions. {2} means the previous item must appear twice; {1,4} means the preceding item must occur between 1 and 4 times.
- generic-family* = serif | sans-serif | cursive | fantasy | monospace
- Fonts *absolute-size* = xx-small | x-small | small | medium | large | x-large | xx-large
- Fonts *relative-size* = smaller | larger
- Margins *margin-width* = *length* | *percentage* | auto where the percentage is calculated with respect to the width of the generated box's containing block.
- Padding *padding-width* = *length* | *percentage*

Length Value Units		
Unit	Meaning	Description
em	font size	Relative unit of measure — Width of M in the current font, roughly equal to the font size
ex	font size	Relative unit of measure — Height of x in current font, roughly half an Em
px	pixel	Relative unit of measure — Pixel size, relative to viewing device resolution
in	inch	1 inch equals 2.54 centimeters
cm	centimeter	
mm	millimeter	
pt	point	American big point equals 1/72 in
pc	pica	1 pica equals 12 pt