[previous](https://www.w3.org/TR/CSS21/zindex.html)   [next](https://www.w3.org/TR/CSS21/grammar.html)   [contents](https://www.w3.org/TR/CSS21/cover.html#minitoc)   [properties](https://www.w3.org/TR/CSS21/propidx.html)   [index](https://www.w3.org/TR/CSS21/indexlist.html)

Appendix F. Full property table

(hide)

**Note: Several sections of this specification have been updated by other specifications. Please, see**[**"Cascading Style Sheets (CSS) — The Official Definition"**](https://www.w3.org/TR/CSS/#css)**in the latest *CSS Snapshot* for a list of specifications and the sections they replace.**

**The CSS Working Group is also developing**[**CSS level 2 revision 2 (CSS 2.2).**](http://www.w3.org/TR/CSS22/)

*This appendix is informative, not normative.*

| **Name** | **Values** | **Initial value** | **Applies to (Default: all)** | **Inherited?** | **Percentages (Default: N/A)** | **Media groups** |
| --- | --- | --- | --- | --- | --- | --- |
| ['azimuth'](https://www.w3.org/TR/CSS21/aural.html#propdef-azimuth) | [<angle>](https://www.w3.org/TR/CSS21/aural.html#value-def-angle) | [[ left-side | far-left | left | center-left | center | center-right | right | far-right | right-side ] || behind ] | leftwards | rightwards | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | center |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['background-attachment'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-attachment) | scroll | fixed | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | scroll |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['background-color'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-color) | [<color>](https://www.w3.org/TR/CSS21/syndata.html#value-def-color) | transparent | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | transparent |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['background-image'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-image) | [<uri>](https://www.w3.org/TR/CSS21/syndata.html#value-def-uri) | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['background-position'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-position) | [ [ [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | left | center | right ] [ [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | top | center | bottom ]? ] | [ [ left | center | right ] || [ top | center | bottom ] ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0% 0% |  | no | refer to the size of the box itself | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['background-repeat'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-repeat) | repeat | repeat-x | repeat-y | no-repeat | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | repeat |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['background'](https://www.w3.org/TR/CSS21/colors.html#propdef-background) | [['background-color'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-color) || ['background-image'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-image) || ['background-repeat'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-repeat) || ['background-attachment'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-attachment) || ['background-position'](https://www.w3.org/TR/CSS21/colors.html#propdef-background-position)] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | no | allowed on 'background-position' | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border-collapse'](https://www.w3.org/TR/CSS21/tables.html#propdef-border-collapse) | collapse | separate | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | separate | 'table' and 'inline-table' elements | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border-color'](https://www.w3.org/TR/CSS21/box.html#propdef-border-color) | [ [<color>](https://www.w3.org/TR/CSS21/syndata.html#value-def-color) | transparent ]{1,4} | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border-spacing'](https://www.w3.org/TR/CSS21/tables.html#propdef-border-spacing) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length)? | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0 | 'table' and 'inline-table' elements | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border-style'](https://www.w3.org/TR/CSS21/box.html#propdef-border-style) | [<border-style>](https://www.w3.org/TR/CSS21/box.html#value-def-border-style){1,4} | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border-top'](https://www.w3.org/TR/CSS21/box.html#propdef-border-top) ['border-right'](https://www.w3.org/TR/CSS21/box.html#propdef-border-right) ['border-bottom'](https://www.w3.org/TR/CSS21/box.html#propdef-border-bottom) ['border-left'](https://www.w3.org/TR/CSS21/box.html#propdef-border-left) | [ [<border-width>](https://www.w3.org/TR/CSS21/box.html#value-def-border-width) || [<border-style>](https://www.w3.org/TR/CSS21/box.html#value-def-border-style) || ['border-top-color'](https://www.w3.org/TR/CSS21/box.html#propdef-border-top-color) ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border-top-color'](https://www.w3.org/TR/CSS21/box.html#propdef-border-top-color) ['border-right-color'](https://www.w3.org/TR/CSS21/box.html#propdef-border-right-color) ['border-bottom-color'](https://www.w3.org/TR/CSS21/box.html#propdef-border-bottom-color)['border-left-color'](https://www.w3.org/TR/CSS21/box.html#propdef-border-left-color) | [<color>](https://www.w3.org/TR/CSS21/syndata.html#value-def-color) | transparent | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | the value of the 'color' property |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border-top-style'](https://www.w3.org/TR/CSS21/box.html#propdef-border-top-style) ['border-right-style'](https://www.w3.org/TR/CSS21/box.html#propdef-border-right-style) ['border-bottom-style'](https://www.w3.org/TR/CSS21/box.html#propdef-border-bottom-style)['border-left-style'](https://www.w3.org/TR/CSS21/box.html#propdef-border-left-style) | [<border-style>](https://www.w3.org/TR/CSS21/box.html#value-def-border-style) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border-top-width'](https://www.w3.org/TR/CSS21/box.html#propdef-border-top-width) ['border-right-width'](https://www.w3.org/TR/CSS21/box.html#propdef-border-right-width) ['border-bottom-width'](https://www.w3.org/TR/CSS21/box.html#propdef-border-bottom-width)['border-left-width'](https://www.w3.org/TR/CSS21/box.html#propdef-border-left-width) | [<border-width>](https://www.w3.org/TR/CSS21/box.html#value-def-border-width) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | medium |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border-width'](https://www.w3.org/TR/CSS21/box.html#propdef-border-width) | [<border-width>](https://www.w3.org/TR/CSS21/box.html#value-def-border-width){1,4} | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['border'](https://www.w3.org/TR/CSS21/box.html#propdef-border) | [ [<border-width>](https://www.w3.org/TR/CSS21/box.html#value-def-border-width) || [<border-style>](https://www.w3.org/TR/CSS21/box.html#value-def-border-style) || ['border-top-color'](https://www.w3.org/TR/CSS21/box.html#propdef-border-top-color) ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['bottom'](https://www.w3.org/TR/CSS21/visuren.html#propdef-bottom) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | auto | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | positioned elements | no | refer to height of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['caption-side'](https://www.w3.org/TR/CSS21/tables.html#propdef-caption-side) | top | bottom | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | top | 'table-caption' elements | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['clear'](https://www.w3.org/TR/CSS21/visuren.html#propdef-clear) | none | left | right | both | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none | block-level elements | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['clip'](https://www.w3.org/TR/CSS21/visufx.html#propdef-clip) | [<shape>](https://www.w3.org/TR/CSS21/visufx.html#value-def-shape) | auto | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | absolutely positioned elements | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['color'](https://www.w3.org/TR/CSS21/colors.html#propdef-color) | [<color>](https://www.w3.org/TR/CSS21/syndata.html#value-def-color) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | depends on user agent |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['content'](https://www.w3.org/TR/CSS21/generate.html#propdef-content) | normal | none | [ [<string>](https://www.w3.org/TR/CSS21/syndata.html#value-def-string) | [<uri>](https://www.w3.org/TR/CSS21/syndata.html#value-def-uri) | [<counter>](https://www.w3.org/TR/CSS21/syndata.html#value-def-counter) | attr([<identifier>](https://www.w3.org/TR/CSS21/syndata.html#value-def-identifier)) | open-quote | close-quote | no-open-quote | no-close-quote ]+ | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal | :before and :after pseudo-elements | no |  | [all](https://www.w3.org/TR/CSS21/media.html#all-media-group) |
| ['counter-increment'](https://www.w3.org/TR/CSS21/generate.html#propdef-counter-increment) | [ [<identifier>](https://www.w3.org/TR/CSS21/syndata.html#value-def-identifier) [<integer>](https://www.w3.org/TR/CSS21/syndata.html#value-def-integer)? ]+ | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | no |  | [all](https://www.w3.org/TR/CSS21/media.html#all-media-group) |
| ['counter-reset'](https://www.w3.org/TR/CSS21/generate.html#propdef-counter-reset) | [ [<identifier>](https://www.w3.org/TR/CSS21/syndata.html#value-def-identifier) [<integer>](https://www.w3.org/TR/CSS21/syndata.html#value-def-integer)? ]+ | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | no |  | [all](https://www.w3.org/TR/CSS21/media.html#all-media-group) |
| ['cue-after'](https://www.w3.org/TR/CSS21/aural.html#propdef-cue-after) | [<uri>](https://www.w3.org/TR/CSS21/syndata.html#value-def-uri) | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | no |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['cue-before'](https://www.w3.org/TR/CSS21/aural.html#propdef-cue-before) | [<uri>](https://www.w3.org/TR/CSS21/syndata.html#value-def-uri) | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | no |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['cue'](https://www.w3.org/TR/CSS21/aural.html#propdef-cue) | [ ['cue-before'](https://www.w3.org/TR/CSS21/aural.html#propdef-cue-before) || ['cue-after'](https://www.w3.org/TR/CSS21/aural.html#propdef-cue-after) ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | no |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['cursor'](https://www.w3.org/TR/CSS21/ui.html#propdef-cursor) | [ [[<uri>](https://www.w3.org/TR/CSS21/syndata.html#value-def-uri) ,]\* [ 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 ] ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[interactive](https://www.w3.org/TR/CSS21/media.html#interactive-media-group) |
| ['direction'](https://www.w3.org/TR/CSS21/visuren.html#propdef-direction) | ltr | rtl | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | ltr | all elements, but see prose | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['display'](https://www.w3.org/TR/CSS21/visuren.html#propdef-display) | inline | block | list-item | inline-block | table | inline-table | table-row-group | table-header-group | table-footer-group | table-row | table-column-group | table-column | table-cell | table-caption | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | inline |  | no |  | [all](https://www.w3.org/TR/CSS21/media.html#all-media-group) |
| ['elevation'](https://www.w3.org/TR/CSS21/aural.html#propdef-elevation) | [<angle>](https://www.w3.org/TR/CSS21/aural.html#value-def-angle) | below | level | above | higher | lower | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | level |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['empty-cells'](https://www.w3.org/TR/CSS21/tables.html#propdef-empty-cells) | show | hide | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | show | 'table-cell' elements | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['float'](https://www.w3.org/TR/CSS21/visuren.html#propdef-float) | left | right | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none | all, but see [9.7](https://www.w3.org/TR/CSS21/visuren.html#dis-pos-flo) | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['font-family'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-family) | [[ [<family-name>](https://www.w3.org/TR/CSS21/fonts.html#value-def-family-name) | [<generic-family>](https://www.w3.org/TR/CSS21/fonts.html#value-def-generic-family) ] [, [<family-name>](https://www.w3.org/TR/CSS21/fonts.html#value-def-family-name)| [<generic-family>](https://www.w3.org/TR/CSS21/fonts.html#value-def-generic-family)]\* ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | depends on user agent |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['font-size'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-size) | [<absolute-size>](https://www.w3.org/TR/CSS21/fonts.html#value-def-absolute-size) | [<relative-size>](https://www.w3.org/TR/CSS21/fonts.html#value-def-relative-size) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | medium |  | yes | refer to inherited font size | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['font-style'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-style) | normal | italic | oblique | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['font-variant'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-variant) | normal | small-caps | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['font-weight'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-weight) | normal | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['font'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font) | [ [ ['font-style'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-style) || ['font-variant'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-variant) || ['font-weight'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-weight) ]? ['font-size'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-size) [ / ['line-height'](https://www.w3.org/TR/CSS21/visudet.html#propdef-line-height) ]? ['font-family'](https://www.w3.org/TR/CSS21/fonts.html#propdef-font-family) ] | caption | icon | menu | message-box | small-caption | status-bar | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | yes | see individual properties | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['height'](https://www.w3.org/TR/CSS21/visudet.html#propdef-height) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | auto | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | all elements but non-replaced inline elements, table columns, and column groups | no | see prose | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['left'](https://www.w3.org/TR/CSS21/visuren.html#propdef-left) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | auto | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | positioned elements | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['letter-spacing'](https://www.w3.org/TR/CSS21/text.html#propdef-letter-spacing) | normal | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['line-height'](https://www.w3.org/TR/CSS21/visudet.html#propdef-line-height) | normal | [<number>](https://www.w3.org/TR/CSS21/syndata.html#value-def-number) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal |  | yes | refer to the font size of the element itself | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['list-style-image'](https://www.w3.org/TR/CSS21/generate.html#propdef-list-style-image) | [<uri>](https://www.w3.org/TR/CSS21/syndata.html#value-def-uri) | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none | elements with 'display: list-item' | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['list-style-position'](https://www.w3.org/TR/CSS21/generate.html#propdef-list-style-position) | inside | outside | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | outside | elements with 'display: list-item' | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['list-style-type'](https://www.w3.org/TR/CSS21/generate.html#propdef-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 | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | disc | elements with 'display: list-item' | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['list-style'](https://www.w3.org/TR/CSS21/generate.html#propdef-list-style) | [ ['list-style-type'](https://www.w3.org/TR/CSS21/generate.html#propdef-list-style-type) || ['list-style-position'](https://www.w3.org/TR/CSS21/generate.html#propdef-list-style-position) || ['list-style-image'](https://www.w3.org/TR/CSS21/generate.html#propdef-list-style-image) ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties | elements with 'display: list-item' | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['margin-right'](https://www.w3.org/TR/CSS21/box.html#propdef-margin-right) ['margin-left'](https://www.w3.org/TR/CSS21/box.html#propdef-margin-left) | [<margin-width>](https://www.w3.org/TR/CSS21/box.html#value-def-margin-width) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0 | all elements except elements with table display types other than table-caption, table and inline-table | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['margin-top'](https://www.w3.org/TR/CSS21/box.html#propdef-margin-top) ['margin-bottom'](https://www.w3.org/TR/CSS21/box.html#propdef-margin-bottom) | [<margin-width>](https://www.w3.org/TR/CSS21/box.html#value-def-margin-width) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0 | all elements except elements with table display types other than table-caption, table and inline-table | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['margin'](https://www.w3.org/TR/CSS21/box.html#propdef-margin) | [<margin-width>](https://www.w3.org/TR/CSS21/box.html#value-def-margin-width){1,4} | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties | all elements except elements with table display types other than table-caption, table and inline-table | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['max-height'](https://www.w3.org/TR/CSS21/visudet.html#propdef-max-height) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none | all elements but non-replaced inline elements, table columns, and column groups | no | see prose | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['max-width'](https://www.w3.org/TR/CSS21/visudet.html#propdef-max-width) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none | all elements but non-replaced inline elements, table rows, and row groups | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['min-height'](https://www.w3.org/TR/CSS21/visudet.html#propdef-min-height) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0 | all elements but non-replaced inline elements, table columns, and column groups | no | see prose | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['min-width'](https://www.w3.org/TR/CSS21/visudet.html#propdef-min-width) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0 | all elements but non-replaced inline elements, table rows, and row groups | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['orphans'](https://www.w3.org/TR/CSS21/page.html#propdef-orphans) | [<integer>](https://www.w3.org/TR/CSS21/syndata.html#value-def-integer) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 2 | block container elements | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[paged](https://www.w3.org/TR/CSS21/media.html#paged-media-group) |
| ['outline-color'](https://www.w3.org/TR/CSS21/ui.html#propdef-outline-color) | [<color>](https://www.w3.org/TR/CSS21/syndata.html#value-def-color) | invert | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | invert |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[interactive](https://www.w3.org/TR/CSS21/media.html#interactive-media-group) |
| ['outline-style'](https://www.w3.org/TR/CSS21/ui.html#propdef-outline-style) | [<border-style>](https://www.w3.org/TR/CSS21/box.html#value-def-border-style) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[interactive](https://www.w3.org/TR/CSS21/media.html#interactive-media-group) |
| ['outline-width'](https://www.w3.org/TR/CSS21/ui.html#propdef-outline-width) | [<border-width>](https://www.w3.org/TR/CSS21/box.html#value-def-border-width) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | medium |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[interactive](https://www.w3.org/TR/CSS21/media.html#interactive-media-group) |
| ['outline'](https://www.w3.org/TR/CSS21/ui.html#propdef-outline) | [ ['outline-color'](https://www.w3.org/TR/CSS21/ui.html#propdef-outline-color) || ['outline-style'](https://www.w3.org/TR/CSS21/ui.html#propdef-outline-style) || ['outline-width'](https://www.w3.org/TR/CSS21/ui.html#propdef-outline-width) ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[interactive](https://www.w3.org/TR/CSS21/media.html#interactive-media-group) |
| ['overflow'](https://www.w3.org/TR/CSS21/visufx.html#propdef-overflow) | visible | hidden | scroll | auto | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | visible | block containers | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['padding-top'](https://www.w3.org/TR/CSS21/box.html#propdef-padding-top) ['padding-right'](https://www.w3.org/TR/CSS21/box.html#propdef-padding-right)['padding-bottom'](https://www.w3.org/TR/CSS21/box.html#propdef-padding-bottom) ['padding-left'](https://www.w3.org/TR/CSS21/box.html#propdef-padding-left) | [<padding-width>](https://www.w3.org/TR/CSS21/box.html#value-def-padding-width) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0 | all elements except table-row-group, table-header-group, table-footer-group, table-row, table-column-group and table-column | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['padding'](https://www.w3.org/TR/CSS21/box.html#propdef-padding) | [<padding-width>](https://www.w3.org/TR/CSS21/box.html#value-def-padding-width){1,4} | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties | all elements except table-row-group, table-header-group, table-footer-group, table-row, table-column-group and table-column | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['page-break-after'](https://www.w3.org/TR/CSS21/page.html#propdef-page-break-after) | auto | always | avoid | left | right | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | block-level elements (but see text) | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[paged](https://www.w3.org/TR/CSS21/media.html#paged-media-group) |
| ['page-break-before'](https://www.w3.org/TR/CSS21/page.html#propdef-page-break-before) | auto | always | avoid | left | right | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | block-level elements (but see text) | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[paged](https://www.w3.org/TR/CSS21/media.html#paged-media-group) |
| ['page-break-inside'](https://www.w3.org/TR/CSS21/page.html#propdef-page-break-inside) | avoid | auto | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | block-level elements (but see text) | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[paged](https://www.w3.org/TR/CSS21/media.html#paged-media-group) |
| ['pause-after'](https://www.w3.org/TR/CSS21/aural.html#propdef-pause-after) | [<time>](https://www.w3.org/TR/CSS21/aural.html#value-def-time) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0 |  | no | see prose | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['pause-before'](https://www.w3.org/TR/CSS21/aural.html#propdef-pause-before) | [<time>](https://www.w3.org/TR/CSS21/aural.html#value-def-time) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0 |  | no | see prose | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['pause'](https://www.w3.org/TR/CSS21/aural.html#propdef-pause) | [ [[<time>](https://www.w3.org/TR/CSS21/aural.html#value-def-time) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage)]{1,2} ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | see individual properties |  | no | see descriptions of 'pause-before' and 'pause-after' | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['pitch-range'](https://www.w3.org/TR/CSS21/aural.html#propdef-pitch-range) | [<number>](https://www.w3.org/TR/CSS21/syndata.html#value-def-number) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 50 |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['pitch'](https://www.w3.org/TR/CSS21/aural.html#propdef-pitch) | [<frequency>](https://www.w3.org/TR/CSS21/aural.html#value-def-frequency) | x-low | low | medium | high | x-high | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | medium |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['play-during'](https://www.w3.org/TR/CSS21/aural.html#propdef-play-during) | [<uri>](https://www.w3.org/TR/CSS21/syndata.html#value-def-uri) [ mix || repeat ]? | auto | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto |  | no |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['position'](https://www.w3.org/TR/CSS21/visuren.html#propdef-position) | static | relative | absolute | fixed | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | static |  | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['quotes'](https://www.w3.org/TR/CSS21/generate.html#propdef-quotes) | [[<string>](https://www.w3.org/TR/CSS21/syndata.html#value-def-string) [<string>](https://www.w3.org/TR/CSS21/syndata.html#value-def-string)]+ | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | depends on user agent |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['richness'](https://www.w3.org/TR/CSS21/aural.html#propdef-richness) | [<number>](https://www.w3.org/TR/CSS21/syndata.html#value-def-number) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 50 |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['right'](https://www.w3.org/TR/CSS21/visuren.html#propdef-right) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | auto | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | positioned elements | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['speak-header'](https://www.w3.org/TR/CSS21/aural.html#propdef-speak-header) | once | always | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | once | elements that have table header information | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['speak-numeral'](https://www.w3.org/TR/CSS21/aural.html#propdef-speak-numeral) | digits | continuous | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | continuous |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['speak-punctuation'](https://www.w3.org/TR/CSS21/aural.html#propdef-speak-punctuation) | code | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['speak'](https://www.w3.org/TR/CSS21/aural.html#propdef-speak) | normal | none | spell-out | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['speech-rate'](https://www.w3.org/TR/CSS21/aural.html#propdef-speech-rate) | [<number>](https://www.w3.org/TR/CSS21/syndata.html#value-def-number) | x-slow | slow | medium | fast | x-fast | faster | slower | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | medium |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['stress'](https://www.w3.org/TR/CSS21/aural.html#propdef-stress) | [<number>](https://www.w3.org/TR/CSS21/syndata.html#value-def-number) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 50 |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['table-layout'](https://www.w3.org/TR/CSS21/tables.html#propdef-table-layout) | auto | fixed | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | 'table' and 'inline-table' elements | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['text-align'](https://www.w3.org/TR/CSS21/text.html#propdef-text-align) | left | right | center | justify | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | a nameless value that acts as 'left' if 'direction' is 'ltr', 'right' if 'direction' is 'rtl' | block containers | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['text-decoration'](https://www.w3.org/TR/CSS21/text.html#propdef-text-decoration) | none | [ underline || overline || line-through || blink ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | no (see prose) |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['text-indent'](https://www.w3.org/TR/CSS21/text.html#propdef-text-indent) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 0 | block containers | yes | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['text-transform'](https://www.w3.org/TR/CSS21/text.html#propdef-text-transform) | capitalize | uppercase | lowercase | none | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | none |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['top'](https://www.w3.org/TR/CSS21/visuren.html#propdef-top) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | auto | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | positioned elements | no | refer to height of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['unicode-bidi'](https://www.w3.org/TR/CSS21/visuren.html#propdef-unicode-bidi) | normal | embed | bidi-override | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal | all elements, but see prose | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['vertical-align'](https://www.w3.org/TR/CSS21/visudet.html#propdef-vertical-align) | baseline | sub | super | top | text-top | middle | bottom | text-bottom | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) |[<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | baseline | inline-level and 'table-cell' elements | no | refer to the 'line-height' of the element itself | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['visibility'](https://www.w3.org/TR/CSS21/visufx.html#propdef-visibility) | visible | hidden | collapse | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | visible |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['voice-family'](https://www.w3.org/TR/CSS21/aural.html#propdef-voice-family) | [[[<specific-voice>](https://www.w3.org/TR/CSS21/aural.html#value-def-specific-voice) | [<generic-voice>](https://www.w3.org/TR/CSS21/aural.html#value-def-generic-voice) ],]\* [[<specific-voice>](https://www.w3.org/TR/CSS21/aural.html#value-def-specific-voice) | [<generic-voice>](https://www.w3.org/TR/CSS21/aural.html#value-def-generic-voice) ] | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | depends on user agent |  | yes |  | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['volume'](https://www.w3.org/TR/CSS21/aural.html#propdef-volume) | [<number>](https://www.w3.org/TR/CSS21/syndata.html#value-def-number) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | silent | x-soft | soft | medium | loud | x-loud | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | medium |  | yes | refer to inherited value | [aural](https://www.w3.org/TR/CSS21/aural.html#aural-media-group) |
| ['white-space'](https://www.w3.org/TR/CSS21/text.html#propdef-white-space) | normal | pre | nowrap | pre-wrap | pre-line | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['widows'](https://www.w3.org/TR/CSS21/page.html#propdef-widows) | [<integer>](https://www.w3.org/TR/CSS21/syndata.html#value-def-integer) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | 2 | block container elements | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group),[paged](https://www.w3.org/TR/CSS21/media.html#paged-media-group) |
| ['width'](https://www.w3.org/TR/CSS21/visudet.html#propdef-width) | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [<percentage>](https://www.w3.org/TR/CSS21/syndata.html#value-def-percentage) | auto | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | all elements but non-replaced inline elements, table rows, and row groups | no | refer to width of containing block | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['word-spacing'](https://www.w3.org/TR/CSS21/text.html#propdef-word-spacing) | normal | [<length>](https://www.w3.org/TR/CSS21/syndata.html#value-def-length) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | normal |  | yes |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |
| ['z-index'](https://www.w3.org/TR/CSS21/visuren.html#propdef-z-index) | auto | [<integer>](https://www.w3.org/TR/CSS21/syndata.html#value-def-integer) | [inherit](https://www.w3.org/TR/CSS21/cascade.html#value-def-inherit) | auto | positioned elements | no |  | [visual](https://www.w3.org/TR/CSS21/media.html#visual-media-group) |

[previous](https://www.w3.org/TR/CSS21/zindex.html)   [next](https://www.w3.org/TR/CSS21/grammar.html)   [contents](https://www.w3.org/TR/CSS21/cover.html#minitoc)   [properties](https://www.w3.org/TR/CSS21/propidx.html)   [index](https://www.w3.org/TR/CSS21/indexlist.html)