

# 5

## HTML 5 NEW TAG

### TAG NOT SUPPORTED IN HTML 5

<!--...-->	Define a comment
<!DOCTYPE>	Defines the document type
<a>	Defines a hyperlink
<abbr>	Defines an abbreviation
<acronym>	Used to define an embedded acronyms
<address>	Defines an address element
<applet>	Used to define an embedded applet
<area>	Defines an area inside an image map alt, coords, href, hreflang, media, ping, rel, shape, target, type
<article>	Defines an article cite, pubdate
<aside>	Defines content aside from the page content
<audio>	Defines sound content autobuffer, autoplay, controls, src
<b>	Defines bold text
<base>	Defines a base URL for all the links in a page href, target
<basefont>	Used to define a default font-color, font-size, or font-family for all the document
<bdo>	Defines the direction of text display dir
<big>	Used to make text bigger
<blockquote>	Defines a long quotation cite
<body>	Defines the body element
 	Inserts a single line break
<button>	Defines a push button autofocus, disabled, form, formaction, formenctype, formmethod, formnovalidate, formtarget, name, type, value
<canvas>	Defines graphics height, width
<caption>	Defines a table caption
<center>	Used to center align text and content
<cite>	Defines a citation
<code>	Defines computer code text autobuffer, autoplay, controls, src
<col>	Defines attributes for table columns
<colgroup>	Defines groups of table columns span
<command>	Defines a command button checked, disabled, icon, label, radiogroup, type

■ <datalist>	Defines a dropdown list
<dd>	Defines a definition description
<del>	Defines deleted text cite, datetime
■ <details>	Defines details of an element open
<dialog>	Defines a dialog (conversation)
<dfn>	Defines a definition term
<dir>	Used to define a directory list
<div>	Defines a section in a document
<dl>	Defines a definition list
<dt>	Defines a definition term
<em>	Defines emphasized text
<embed>	Defines external interactive content or plugin height, src, type, width
<fieldset>	Defines a fieldset disabled, form, name
■ <figure>	Defines a group of media content, and their caption
<font>	Used to define font face, font size, and font color of text
■ <footer>	Defines a footer for a section or page
<form>	Defines a form accept-charset, action, autocomplete, enctype, method, name, novalidate, target
<frame>	Used to define one particular window (frame) within a frameset
<frameset>	Used to define a frameset, which organized multiple windows (frames)
<h1> to <h6>	Defines header 1 to header 6
<head>	Defines information about the document
■ <header>	Defines a header for a section or page
<hgroup>	Defines information about a section in a document
<hr>	Defines a horizontal rule
<html>	Defines an html document manifest, xmlns
<i>	Defines italic text
<iframe>	Defines an inline sub window height, name, sandbox, seamless, src, width
<img>	Defines an image alt, src, height, ismap, usemap, width
<input>	Defines an input field accept, alt, autocomplete, autofocus, checked, disabled, form, formaction, formenctype, formmethod, formnovalidate, formtarget, height, list, max, maxlength, min, multiple, name, pattern, placeholder, readonly, required, size, src, step, type, value, width
<ins>	Defines inserted text cite, datetime
■ <keygen>	Defines a generated key in a form autofocus, challenge, disabled, form, keytype, name
<kbd>	Defines keyboard text
<label>	Defines an inline sub window for, form
<legend>	Defines a title in afieldset
<li>	Defines a list item value
<link>	Defines a resource reference href, hreflang, media, rel, sizes, type
<map>	Defines an image map name
■ <mark>	Defines marked text
<menu>	Defines a menu list label, type
<meta>	Defines meta information charset, content, http-equiv, name
<meter>	Defines measurement within a predefined range high, low, max, min, optimum, value
<nav>	Defines navigation links
<noframes>	Used to display text for browsers that do not handle frames
<noscript>	Defines a noscript section
<object>	Defines an embedded object data, form, height, name, type, usemap, width
<ol>	Defines an ordered list reversed, start
<optgroup>	Defines an option group label, disabled
<option>	Defines an option in a drop-down list disabled, label, selected, value
■ <output>	Defines some types of output for, form, name
<p>	Defines a paragraph
<param>	Defines a parameter for an object name, value
<pre>	Defines preformatted text
<progress>	Defines progress of a task of any kind max, value
<q>	Defines a short quotation cite
<rp>	Used in ruby annotations to define what to show browsers that do not support the ruby element
<rt>	Defines explanation to ruby annotations
<ruby>	Defines ruby annotations
<s>, <strike>	Used to define strikethrough text.
<samp>	Defines sample computer code
<script>	Defines a definition list async, type charset defer, src
■ <section>	Defines a section cite
<select>	Defines a selectable list autofocus, disabled, form, multiple, name, size
<small>	Defines small text
■ <source>	Defines media resources media, src, type
<span>	Defines a section in a document
<strong>	Defines strong text
<style>	Defines a style definition type, media, scoped
<sub>, <sup>	Defines sub/super-scripted text
<table>	Defines a table summary
<tbody>	Defines a table body summary
<td>	Defines a table cell colspan, headers, rowspan
<td>	Defines a text area
<textarea>	autofocus, cols, disabled, form, maxlen, name, placeholder, readonly, readonly, required, rows, wrap
<tfoot>, <thead>	Defines a table footer / head
<th>	Defines a table header colspan, headers, rowspan, scope
<time>	Defines a date/tim datetime
<title>	Defines the document title
<tr>	Defines a table row datetime
<tt>	Used to define teletype text
<u>	Used to define underlined text
<ul>	Defines an unordered list
<var>	Defines a variable
■ <video>	Defines a video autobuffer, autoplay, controls, height, loop, src, width

**HTML5 TAG CHEAT SHEET**  
Created by [WebsiteSetup.org](http://WebsiteSetup.org)

# Cascading Style Sheets (CSS 3)

BACKGROUND		BORDER		BOX MODEL	
<b>background</b>	<i>background-image background-position background-size background-repeat background-attachment background-origin background-clip background-color</i>	<b>border-top</b>	<i>border-top-width border-style border-color</i>	<b>float</b>	<i>left   right   none</i>
<b>background-attachment</b>	<i>scroll   fixed</i>	<b>border-top-color</b>	<i>border-color</i>	<b>height</b>	<i>auto length %</i>
<b>background-break</b>	<i>bounding-box   each-box   continuous</i>	<b>border-top-style</b>	<i>border-style</i>	<b>max-height</b>	<i>none length %</i>
<b>background-clip</b>	<i>length % border-box   padding-box   content-box   no-clip</i>	<b>border-top-width</b>	<i>thin   medium   thick length</i>	<b>max-width</b>	<i>none length %</i>
<b>background-color</b>	<i>color transparent</i>	<b>border-radius</b>	<i>border-top-right-radius border-bottom-right-radius border-bottom-left-radius border-top-left-radius</i>	<b>min-height</b>	<i>none   inherit length %</i>
<b>background-image</b>	<i>url none</i>	<b>border-top-right-radius</b>	<i>length</i>	<b>min-width</b>	<i>none   inherit length %</i>
<b>background-origin</b>	<i>border-box   padding-box   content-box</i>	<b>border-bottom-right-radius</b>	<i>length</i>	<b>width</b>	<i>auto % length</i>
<b>background-position</b>	<i>top left   top center   top right   center left   center center   center right   bottom left   bottom center   bottom right x-% y-% x-pos y-pos</i>	<b>border-bottom-left-radius</b>	<i>length</i>	<b>margin</b>	<i>margin-top margin-right margin-bottom margin-left</i>
<b>background-repeat</b>	<i>repeat   repeat-x   repeat-y   no-repeat</i>	<b>border-top-left-radius</b>	<i>length</i>	<b>margin-bottom</b>	<i>auto length %</i>
<b>background-size</b>	<i>length % auto   cover   contain</i>	<b>box-shadow</b>	<i>inset    [ length, length, length, length   &lt;color&gt; ] none</i>	<b>margin-left</b>	<i>auto length %</i>
BORDER					
<b>border</b>	<i>border-width border-style border-color</i>	<b>font</b>	<i>font-style font-variant font-weight font-size/line-height font-family caption   icon   menu   message-box   small-caption   status-bar</i>	<b>margin-right</b>	<i>auto length %</i>
<b>border-break</b>	<i>border-width border-style color close</i>	<b>font-family</b>	<i>family-name generic-family inherit</i>	<b>margin-top</b>	<i>auto length %</i>
<b>border-bottom</b>	<i>border-bottom-width border-style border-color</i>	<b>font-size</b>	<i>xx-small   x-small   small   medium   large   x-large   xx-large   smaller   larger   inherit length %</i>	<b>padding</b>	<i>padding-top padding-right padding-bottom padding-left</i>
<b>border-bottom-color</b>	<i>border-color</i>	<b>font-size-adjust</b>	<i>none   inherit number</i>	<b>padding-bottom</b>	<i>length %</i>
<b>border-bottom-style</b>	<i>border-style</i>	<b>font-stretch</b>	<i>normal   wider   narrower   ultra-condensed   extra-condensed   condensed   semi-condensed   semi-expanded   expanded   extra-expanded   ultra-expanded   inherit</i>	<b>padding-left</b>	<i>length %</i>
<b>border-bottom-width</b>	<i>thin   medium   thick length</i>	<b>font-style</b>	<i>normal   italic   oblique   inherit</i>	<b>padding-right</b>	<i>length %</i>
<b>border-collapse</b>	<i>collapse   separate</i>	<b>font-variant</b>	<i>normal   small-caps   inherit</i>	<b>padding-top</b>	<i>length %</i>
<b>border-color</b>	<i>color</i>	<b>font-weight</b>	<i>normal   bold   bolder   lighter   100   200   300   400   500   600   700   800   900   inherit</i>	<b>marquee-direction</b>	<i>forward   reverse</i>
<b>border-image</b>	<i>image [ number / % border-width stretch   repeat   round ] none</i>	<b>BOX MODEL</b>		<b>marquee-loop</b>	<i>infinite number</i>
<b>border-left</b>	<i>border-left-width border-style border-color</i>			<b>marquee-play-count</b>	<i>infinite integer</i>
<b>border-left-color</b>	<i>border-color</i>	<b>clear</b>	<i>left   right   both   none</i>	<b>marquee-speed</b>	<i>slow   normal   fast</i>
<b>border-left-style</b>	<i>border-style</i>	<b>display</b>	<i>none   inline   block   inline-block   list-item   run-in   compact   table   inline-table   table-row-group   table-header-group   table-footer-group   table-row   table-column-group   table-column   table-cell   table-caption   ruby   ruby-base   ruby-text   ruby-base-group   ruby-text-group</i>	<b>marquee-style</b>	<i>scroll   slide   alternate</i>
<b>border-left-width</b>	<i>thin   medium   thick length</i>			<b>overflow</b>	<i>visible   hidden   scroll   auto   no-display   no-content overflow-x overflow-y</i>
<b>border-right</b>	<i>border-right-width border-style border-color</i>			<b>overflow-style</b>	<i>auto   marquee-line   marquee-block</i>
<b>border-right-color</b>	<i>border-color</i>			<b>overflow-x</b>	<i>visible   hidden   scroll   auto   no-display   no-content</i>
<b>border-right-style</b>	<i>border-style</i>			<b>overflow-y</b>	<i>visible   hidden   scroll   auto   no-display   no-content</i>
<b>border-right-width</b>	<i>thin   medium   thick length</i>			<b>rotation</b>	<i>angle</i>
				<b>rotation-point</b>	<i>position (paired value offset)</i>
				<b>visibility</b>	<i>visible   hidden   collapse</i>

# Cascading Style Sheets (CSS 3)

TEXT	
<b>direction</b>	ltr   rtl   inherit
<b>hanging-punctuation</b>	none   [ start   end   end-edge ]
<b>letter-spacing</b>	normal length %
<b>punctuation-trim</b>	none   [start   end   adjacent]
<b>text-align</b>	start   end   left   right   center   justify
<b>text-align-last</b>	start   end   left   right   center   justify
<b>text-decoration</b>	none   underline   overline   line-through   blink
<b>text-emphasis</b>	none   [ accent   dot   circle   disc] [ before   after ]? ]
<b>text-indent</b>	length %
<b>text-justify</b>	auto   inter-word   inter-ideograph   inter-cluster   distribute   kashida   tibetan
<b>text-outline</b>	none color length
<b>text-shadow</b>	none color length
<b>text-transform</b>	none   capitalize   uppercase   lowercase
<b>text-wrap</b>	normal   unrestricted   none   suppress
<b>unicode-bidi</b>	normal   embed   bidi-override
<b>white-space</b>	normal   pre   nowrap   pre-wrap   pre-line
<b>white-space-collapse</b>	preserve   collapse   pre-preserve-breaks   discard
<b>word-break</b>	normal   keep-all   loose   break-strict   break-all
<b>word-spacing</b>	normal length %
<b>word-wrap</b>	normal   break-word
COLUMN	
<b>column-count</b>	auto number
<b>column-fill</b>	auto   balance
<b>column-gap</b>	normal length
<b>column-rule</b>	column-rule-width column-rule-style column-rule-color
<b>column-rule-color</b>	color
<b>column-rule-style</b>	border-style
<b>column-rule-width</b>	thin   medium   thick length
<b>columns</b>	column-width column-count
<b>column-span</b>	1   all
<b>column-width</b>	auto length
COLOR	
<b>color</b>	inherit color
<b>opacity</b>	inherit number

TEMPLATE LAYOUT	
<b>box-align</b>	start   end   center   base-
<b>box-direction</b>	normal   reverse
<b>box-flex</b>	number
<b>box-flex-group</b>	integer
<b>box-lines</b>	single   multiple
<b>box-orient</b>	horizontal   vertical   inline-axis   block-axis
<b>box-pack</b>	start   end   center   justify
<b>box-sizing</b>	content-box   padding-box   border-box   margin-box
<b>tab-side</b>	top   bottom   left   right
TABLE	
<b>border-collapse</b>	collapse   separate
<b>border-spacing</b>	length length
<b>caption-side</b>	top   bottom   left   right
<b>empty-cells</b>	show   hide
<b>table-layout</b>	auto   fixed
SPEECH	
<b>cue</b>	cue-before cue-after
<b>cue-before</b>	uri [ silent   x-soft   soft   medium   loud   x-loud]   none   inherit ] number %
<b>cue-after</b>	uri [ silent   x-soft   soft   medium   loud   x-loud]   none   inherit ] number %
<b>mark</b>	mark-before mark-after
<b>mark-before</b>	string
<b>mark-after</b>	string
<b>pause</b>	pause-before pause-after
<b>pause-before</b>	none   x-weak   weak   medium   strong   x-strong   inherit time
<b>pause-after</b>	none   x-weak   weak   medium   strong   x-strong   inherit time
<b>phonemes</b>	string
<b>rest</b>	rest-before rest-after
<b>rest-before</b>	none   x-weak   weak   medium   strong   x-strong   inherit time
<b>rest-after</b>	none   x-weak   weak   medium   strong   x-strong   inherit time
<b>speak</b>	none   normal   spell-out   digits   literal-punctuation   no-punctuation   inherit
<b>voice-balance</b>	left   center   right   left-wards   rightwards   inherit number
<b>voice-duration</b>	time

SPEECH	
<b>voice-family</b>	inherit   [ <specific-voice, age, generic-voice, number> ]
<b>voice-rate</b>	x-slow   slow   medium   fast   x-fast   inherit %
<b>voice-pitch</b>	x-low   low   medium   high   x-high   inherit number %
<b>voice-pitch-range</b>	x-low   low   medium   high   x-high   inherit number
<b>voice-stress</b>	strong   moderate   none   reduced   inherit
<b>voice-volume</b>	silent   x-soft   soft   medium   loud   x-loud   inherit number %
LIST & MARKERS	
<b>list-style</b>	list-style-type list-style-position list-style-image
<b>list-style-image</b>	none url
<b>list-style-position</b>	Inside   outside
<b>list-style-type</b>	none   asterisks   box   check   circle   diamond   disc   hyphen   square   decimal   decimal-leading-zero   lower-roman   upper-roman   lower-alpha   upper-alpha   lower-greek   lower-latin   upper-latin   hebrew   armenian   georgian   cjk-ideographic   hiragana   katakana   hiragana-iroha   katakana-iroha   footnotes
<b>marker-offset</b>	auto length
ANIMATIONS	
<b>animation</b>	animation-name animation-duration animation-timing-function animation-delay animation-iteration-count animation-direction
<b>animation-delay</b>	time
<b>animation-direction</b>	normal   alternate
<b>animation-duration</b>	time
<b>animation-iteration-count</b>	inherit number
<b>animation-name</b>	none   IDENT
<b>animation-play-state</b>	running   paused
<b>animation-timing-function</b>	ease   linear   ease-in   ease-out   ease-in-out   cubic-Bezier (number, number, number)
TRANSITIONS	
<b>transition</b>	transition-property transition-duration transition-timing-function transition-delay
<b>transition-delay</b>	time
<b>transition-duration</b>	time
<b>transition-property</b>	none   all
<b>transition-timing-function</b>	ease   linear   ease-in   ease-out   ease-in-out   cubic-Bezier (number, number, number)

# Cascading Style Sheets (CSS 3)

GRID POSITIONING	
<code>grid-columns</code>	none   inherit [ length percentage relative length ]
<code>grid-rows</code>	none   inherit [ length percentage relative length ]
OUTLINE	
<code>outline</code>	<code>outline-color</code> <code>outline-style</code> <code>outline-width</code>
<code>outline-color</code>	<code>color</code> <code>invert</code>
<code>outline-offset</code>	<code>inherit</code> <code>length</code>
<code>outline-style</code>	None   dotted   dashed   solid   double   groove   ridge   inset   outset
<code>outline-width</code>	thin   medium   thick <code>length</code>
3D / 2D TRANSFORM	
<code>backface-visibility</code>	visible   hidden
<code>perspective</code>	none <code>number</code>
<code>perspective-origin</code>	[ [ [ percentage ]   <length> ]   left   center   right ] [ <percentage>   <length> ]   top   center   bottom ]? ] <length> ]   [ [ [ left   center   right ]   [ top   center   bottom ] ] <length> ] ]
<code>transform</code>	none   matrix   matrix3d   translate3d   translateX   translateY   translateZ   scale   scale3d   scaleX   scaleY   scaleZ   rotate   rotate3d   rotateX   rotateY   rotateZ   skewX   skewY   skew   perspective
<code>transform-origin</code>	[ [ [ <percentage>   <length> ]   left   center   right ] [ <percentage>   <length> ]   top   center   bottom ]? ] <length> ]   [ [ [ left   center   right ]   [ top   center   bottom ] ] <length> ] ]
<code>transform-style</code>	flat   preserve-3d
GENERATED CONTENT	
<code>bookmark-label</code>	content <code>attr</code> <code>string</code>
<code>bookmark-level</code>	none <code>integer</code>
<code>bookmark-target</code>	self <code>uri</code> <code>attr</code>
<code>border-length</code>	<code>auto</code> <code>length</code>
<code>content</code>	normal   none   inhibit <code>uri</code>
<code>counter-increment</code>	none <code>identifier number</code>
<code>counter-reset</code>	none <code>identifier number</code>
<code>crop</code>	<code>auto</code> <code>shape</code>
<code>display</code>	normal   none   list-item
<code>float-offset</code>	<code>length</code> <code>length</code>

GENERATED CONTENT	
<code>hyphenate-after</code>	<code>auto</code> <code>integer</code>
<code>hyphenate-before</code>	<code>auto</code> <code>integer</code>
<code>hyphenate-character</code>	<code>auto</code> <code>string</code>
<code>hyphenate-lines</code>	<code>no-limit</code> <code>integer</code>
<code>hyphenate-resource</code>	<code>none</code> <code>uri</code>
<code>hyphens</code>	<code>none</code>   <code>manual</code>   <code>auto</code>
<code>image-resolution</code>	<code>normal</code>   <code>auto</code> <code>dpi</code>
<code>marks</code>	[ <code>crop</code>    <code>cross</code> ]   <code>none</code>
<code>move-to</code>	<code>normal</code>   <code>here</code> <code>identifier</code>
<code>page-policy</code>	<code>start</code>   <code>first</code>   <code>last</code>
<code>quotes</code>	<code>none</code> <code>string</code> <code>string</code> <code>string</code> <code>string</code>
<code>string-set</code>	<code>identifier</code> <code>content-list</code>
<code>text-replace</code>	<code>none</code> [ < <code>string</code> > < <code>string</code> > ]+
LINE BOX	
<code>alignment-adjust</code>	<code>auto</code>   <code>baseline</code>   <code>before-edge</code>   <code>text-before-edge</code>   <code>middle</code>   <code>central</code>   <code>after-edge</code>   <code>text-after-edge</code>   <code>ideographic</code>   <code>alphabetic</code>   <code>hanging</code>   <code>mathematical</code> <code>length</code> <code>%</code>
<code>alignment-baseline</code>	<code>baseline</code>   <code>use-script</code>   <code>before-edge</code>   <code>text-before-edge</code>   <code>after-edge</code>   <code>text-after-edge</code>   <code>central</code>   <code>middle</code>   <code>ideographic</code>   <code>alphabetic</code>   <code>hanging</code>   <code>mathematical</code>
<code>baseline-shift</code>	<code>baseline</code>   <code>sub</code>   <code>super</code> <code>length</code> <code>%</code>
<code>dominant-baseline</code>	<code>auto</code>   <code>use-script</code>   <code>no-change</code>   <code>reset-size</code>   <code>alphabetic</code>   <code>hanging</code>   <code>ideographic</code>   <code>mathematical</code>   <code>central</code>   <code>middle</code>   <code>text-after-edge</code>   <code>text-before-edge</code>
<code>drop-initial-after-align</code>	<code>alignment-baseline</code>
<code>drop-initial-after-adjust</code>	<code>central</code>   <code>middle</code>   <code>after-edge</code>   <code>text-after-edge</code>   <code>ideographic</code>   <code>alphabetic</code>   <code>mathematical</code> <code>length</code> <code>%</code>
<code>drop-initial-before-align</code>	<code>caps-height</code> <code>alignment-baseline</code>
<code>drop-initial-before-adjust</code>	<code>before-edge</code>   <code>text-before-edge</code>   <code>central</code>   <code>middle</code>   <code>hanging</code>   <code>mathematical</code> <code>length</code> <code>%</code>
<code>drop-initial-value</code>	<code>initial</code> <code>integer</code>
<code>drop-initial-size</code>	<code>auto</code> <code>integer</code> <code>%</code> <code>line</code>
<code>inline-box-align</code>	<code>initial</code>   <code>last</code> <code>integer</code>

LINE BOX	
<code>line-height</code>	<code>normal</code> <code>number</code> <code>length</code> <code>%</code>
<code>line-stacking</code>	<code>line-stacking-strategy</code> <code>line-stacking-ruby</code> <code>line-stacking-shift</code>
<code>line-stacking-strategy</code>	<code>inline-line-height</code>   <code>block-line-height</code>   <code>max-height</code>   <code>grid-height</code>
<code>line-stacking-ruby</code>	<code>exclude-ruby</code>   <code>include-ruby</code>
<code>line-stacking-shift</code>	<code>consider-shifts</code>   <code>disregard-shifts</code>
<code>text-height</code>	<code>auto</code>   <code>font-size</code>   <code>text-size</code>   <code>max-size</code>
<code>vertical-align</code>	<code>Baseline</code>   <code>sub</code>   <code>super</code>   <code>top</code> <code>text-top</code>   <code>middle</code>   <code>bottom</code> <code>text-bottom</code> <code>length</code> <code>%</code>
HYPERLINK	
<code>target</code>	<code>target-name</code> <code>target-new</code> <code>target-position</code>
<code>target-name</code>	<code>current</code>   <code>root</code>   <code>parent</code>   <code>new</code>   <code>modal</code> <code>string</code>
<code>target-new</code>	<code>window</code>   <code>tab</code>   <code>none</code>
<code>target-position</code>	<code>above</code>   <code>behind</code>   <code>front</code>   <code>back</code>
POSITIONING	
<code>bottom</code>	<code>auto</code> <code>%</code> <code>length</code>
<code>clip</code>	<code>shape</code> <code>auto</code>
<code>left</code>	<code>auto</code> <code>%</code> <code>length</code>
<code>position</code>	<code>static</code>   <code>relative</code>   <code>absolute</code>   <code>fixed</code>
<code>right</code>	<code>auto</code> <code>%</code> <code>length</code>
<code>top</code>	<code>auto</code> <code>%</code> <code>length</code>
<code>z-index</code>	<code>auto</code> <code>number</code>
RUBY	
<code>ruby-align</code>	<code>auto</code>   <code>start</code>   <code>left</code>   <code>center</code>   <code>end</code>   <code>right</code>   <code>distribute-letter</code>   <code>distribute-space</code>   <code>line-edge</code>
<code>ruby-overhang</code>	<code>auto</code>   <code>start</code>   <code>end</code>   <code>none</code>
<code>ruby-position</code>	<code>before</code>   <code>after</code>   <code>right</code>   <code>inline</code>
<code>ruby-span</code>	<code>attr(x)</code>   <code>none</code>

# Cascading Style Sheets (CSS 3)

<b>PAGED MEDIA</b>	
<b>fit</b>	fill   hidden   meet   slice
<b>fit-position</b>	[top   center   bottom]    [left   center   right] <i>length</i> %
<b>image-orientation</b>	auto <i>angle</i>
<b>orphans</b>	<i>integer</i>
<b>page</b>	auto <i>identifier</i>
<b>page-break-after</b>	auto   always   avoid   left   right
<b>page-break-before</b>	auto   always   avoid   left   right
<b>page-break-inside</b>	auto   avoid
<b>size</b>	auto   landscape   portrait <i>length</i>
<b>windows</b>	<i>integer</i>
<b>UI</b>	
<b>appearance</b>	normal   inherit   [icon   window   desktop   workspace   document   tooltip   dialog   button   push-button   hyperlink   radio-button   checkbox   menu-item   tab   menu   menubar   pull-down-menu   pop-up-menu   list-menu   radio-group   checkbox-group   outline-tree   range   field   combo-box   signature   password]
<b>cursor</b>	auto   crosshair   default   pointer   move   e-resize   ne-resize   nw-resize   n-resize   se-resize   sw-resize   s-resize   w-resize   text   wait   help <i>url</i>
<b>icon</b>	auto   inherit <i>url</i>
<b>nav-index</b>	auto   inherit <i>number</i>
<b>nav-up</b>	auto   inherit < <i>id</i> > [ current   root   <target-name> ]
<b>nav-right</b>	auto   inherit < <i>id</i> > [ current   root   <target-name> ]
<b>nav-down</b>	auto   inherit < <i>id</i> > [ current   root   <target-name> ]
<b>nav-left</b>	auto   inherit < <i>id</i> > [ current   root   <target-name> ]
<b>resize</b>	none   both   horizontal   vertical   inherit

- Values in italics are place holders for an actual value (like 1px, 1em, 1%), values in normal text are values that can be used as the actual value
- CSS Properties in **Dark Red** are shorthand properties and each value must be defined. The exception is where the property can define from one to four of the sides of a box element property (Top-Right-Bottom-Left) - i.e. border-width

# Cascading Style Sheets (CSS 3)

PSEUDO-CLASS		UNITS		SELECTOR TYPES	
		ABSOLUTE MEASUREMENT		Name	
:active	an activated element	%	percentage	Universal	Any element
:focus	an element while the element has focus	cm	centimeter	Type	Any element of that type
:visited	a visited link	in	inch	Grouping	Multiple elements of different types
:hover	an element when you mouse over it	mm	millimeter	Class	Multiple elements of different types when you don't want to affect all instances of that type
:link	an unvisited link	pc	pica (1p = 12 points)		
:disabled	an element while the element is disabled	pt	point (1pt = 1/72 inch)		
:enabled	an element while the element is enabled	RELATIVE MEASUREMENT			
:checked	an element (form element control) that is checked	ch	width of the "0" glyph found in the font for the font size used to render		
:selection	an element that is currently selected or highlighted by the user	em	1em = current font size of current element		
:lang	Allows the author to specify a language to use in a specified element	ex	x-height of the element's font		
:nth-child(n)	an element that is the n-th sibling	gd	the grid defined by 'layout-grid'		
:nth-last-child(n)	an element that is the n-th sibling counting from the last sibling	px	pixel of the viewing device		
:first-child	an element that is the first sibling	rem	the font size of the root element		
:last-child	an element that is the last sibling	vh	the viewport's height		
:only-child	an element that is the only child	vw	the viewport's width		
:nth-of-type(n)	an element that is the n-th sibling of its type.	vm	viewport's height or width, whichever is smaller of the two		
:nth-last-of-type(n)	an element that is the n-th sibling of its type counting from the last sibling	ANGLES			
:last-of-type	an element that is the first sibling of its type	deg	degrees		
:first-of-type	an element that is the last sibling of its type	grad	grads		
:only-of-type	an element that is the only child of that type	rad	radians		
:empty	an element that has no children	turn	turns		
:root	root element within the document	TIME			
:not(x)	an element not represented by the argument 'x'	ms	milli-seconds		
:target	a target element as specified by a target in a URI	s	seconds		
PSEUDO-ELEMENT		FREQUENCY			
::first-letter	Adds special style to the first letter of a text	Hz	hertz		
::first-line	Adds special style to the first line of a text	kHz	kilo-hertz		
::before	Inserts some content before an element	COLORS			
::after	Inserts some content after an element	color name	red, blue, green, dark green		
		rgb(x,y,z)	red = rgb(255,0,0)		
		rgb(x%,y%,z%)	red = rgb(100%,0,0)		
		rgba(x,y,z,alpha)	red = rgba(255,0,0)		
		#rrggbb	red = #ff0000 (or shorthand = #f00)		
		hsl(hue, saturation, lightness)	red = hsl(0, 100%, 50%)		
		hsla(hue, saturation, lightness, alpha)	red = hsl(0, 100%, 50%)		
		flavor	An accent color (typically chosen by the user) to customize the user interface of the user agent itself		
		currentColor	computed value of the 'currentColor' keyword is the computed value of the 'color' property		
				Attribute	An element with that matches the attribute listed E[selected] - att whatever the value E[att="val"] - att with a specific value E[rel~="next"] - att with a value is a whitespace separated list *[lang="en"] - att value either being exactly "val" or beginning with "val" immediately followed by ":" E[att^="val"] - att value that begins with the prefix "val" E[att\$="val"] - att value that end with the suffix "val" E[att*="val"] - att value contains at least one instance of the substring "val"