

## Selectors

Selector Types		
*	Any element	
E	The element E	
E1, E2, E3	The elements E1 and E2 and E3	
.myclass	The element with class "myclass"	
#myid	The element with ID "myid"	
E1 E2	E2 that is a child of E1	
E1 > E2	E2 that is a direct child of E1	
E1 + E2	E2 that follows E1 directly	
E1 ~ E2	E2 that follows E1	
E1:has(E2)	E1 that contains E2 (in jQuery only)	
:empty	The element that has no child element (including text nodes)	
E[attr]	E with attribute "attr"	
E[attr="val"]	E when its attribute "attr"="val"	
E[attr^="val"]	E when its attribute "attr" value starts with "val" or equals to "val"	p[lang="en"]
E[attr\$="val"]	E when its attribute "attr" value ends with "val"	a[href\$=mp3]
E[attr*="val"]	E when its attribute "attr" contains "val" in its value	
E[attr~="val"]	E when its attribute "attr" is a multi-valued attribute, contains the value "val". (Multi-valued attribute useually contains a whitespace separated list of values)	a[rel~="next"]
:lang(en)	The element E in language "en"	
:not(s)	The element that does not match the simple selector 's'	td:not([celspan])
ns E	The element E in the namespace "ns"	
Pseudo-Class - Status		
:link	The unvisited link	
:visited	The visited link	
:hover	The mouse-overd element	
:active	The activated element	
:disabled	The disabled UI element	
:enabled	The enabled UI element	
:required	The required UI element	
:optional	The optional UI element	
:valid	The UI element that has a valid value	
:invalid	The UI element that has an invalid value	
:focus	The focused UI element	
:checked	The checked UI element (e.g. radio-button or checkbox)	
Pseudo-Class - Order		
:first-child	The element that is the first child of its parent	
:last-child	The element that is the last child of its parent	
:only-child	The element that is the only child of its parent	
:nth-child(n)	The element that is the n <sup>th</sup> child of its parent	td:nth-child(2)

<b>:nth-last-child(n)</b>	The element that is the n <sup>th</sup> child of its parent starting from the last child
<b>:nth-child(odd)</b>	The element that has an odd-order as a child of its parent <span style="float: right;">tr:nth-child(odd)</span>
<b>:nth-child(even)</b>	The element that has an even-order as a child of its parent
<b>:first-of-type</b>	The element that is the first one of its type in the whole document
<b>:last-of-type</b>	The element that is the last one of its type in the whole document
<b>:only-of-type</b>	The element that is the only one of its type in the whole document
<b>:nth-of-type(n)</b>	The element that is the n <sup>th</sup> one of its type in the whole document
<b>:nth-last-of-type(n)</b>	The element that is the n <sup>th</sup> one of its type in the whole document starting from the last one
<b>:root</b>	The root element of the document
<b>Pseudo-Element</b>	
<b>::first-letter</b>	The first letter of the element's text
<b>::first-line</b>	The first line of the element's text
<b>E::before</b>	The generated content before the element E
<b>E::after</b>	The generated content after the element E
<b>Media Selector</b>	
<b>@media &lt;mediatype&gt; { &lt;css&gt; }</b>	Set the media properties
<b>Page Selectors</b>	
<b>@page { &lt;css&gt; }</b>	Set the page properties
<b>@page :left { &lt;css&gt; }</b>	@bottom-left-corner { ... /* left page numbers */ }
<b>@page :right { &lt;css&gt; }</b>	@bottom-right-corner { ... /* right page numbers */ }
<b>@page :first { &lt;css&gt; }</b>	@bottom-left-corner { ... /* empty footer on 1st page */ }

## Units

Absolute Length Units	
cm	centimeter
mm	millimeter (1mm = 1/10 cm)
in	inch (1in = 2.54 cm)
pt	point (1pt = 1/72 in)
pc	pica (1pc = 12 pt)

Unit	Length (in points)
pt	1
mm	2.83
pc	12
cm	28.35
in	72

Relative Length Units	
%	percentage
em	Width of "m" using the current font
ex	Height of lower-case "x" using the current font
rem	The font size of the root element
ch	width of the "0" glyph found in the font for the font size used to render
gd	The grid defined by 'layout-grid'
px	viewing-device's pixel
vh	viewport's height
vw	viewport's width
vm	viewport's height or width, whichever is smaller of the two

Angle Units	
deg	degree
grad	grad
rad	radian
turn	turns

Time Units	
ms	milli-second
s	second

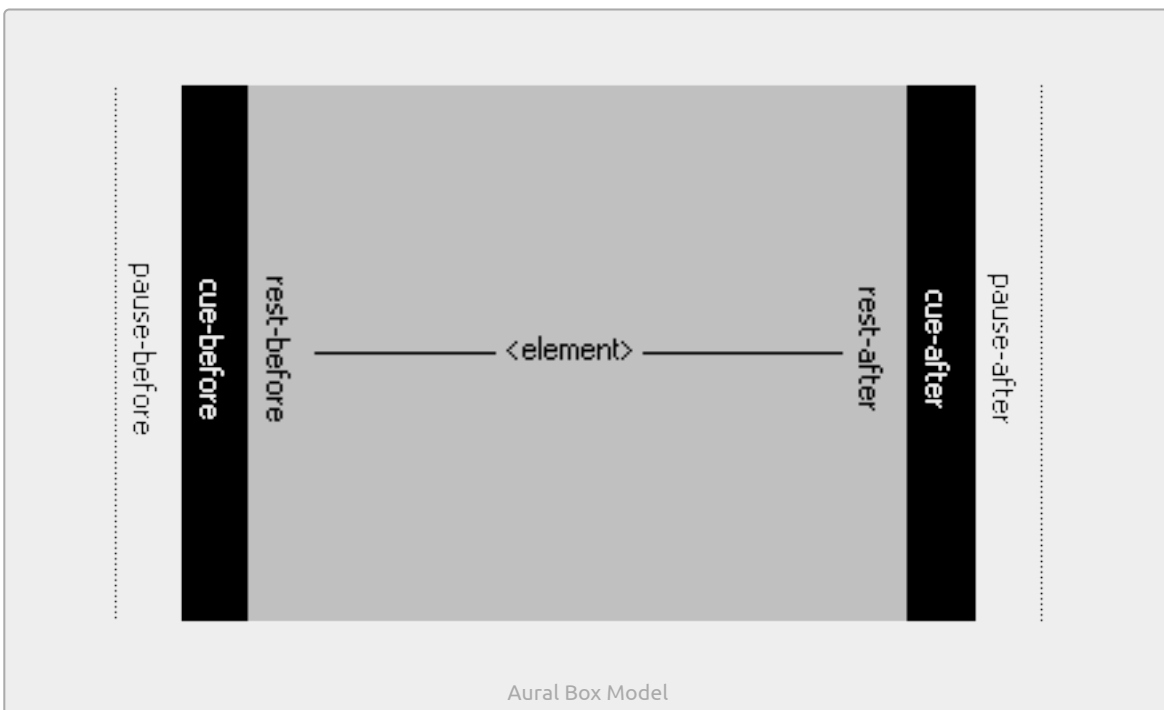
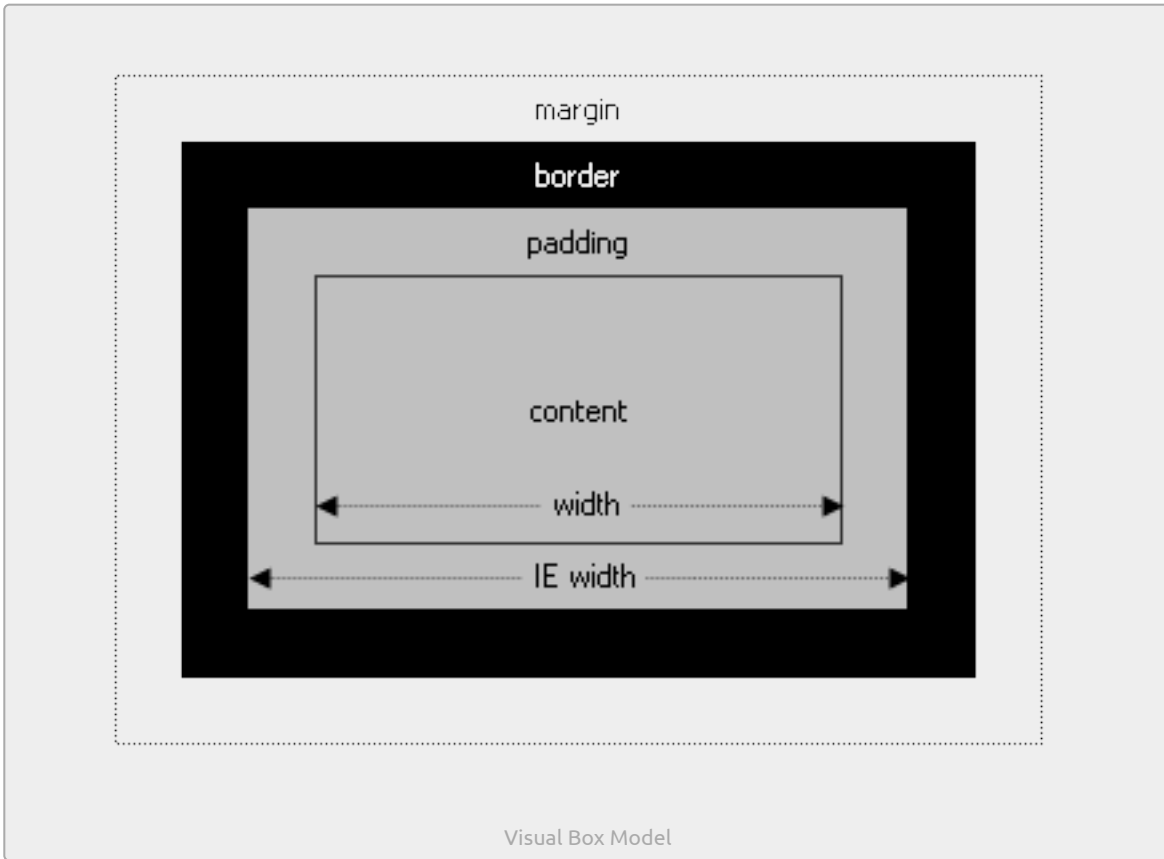
Frequency Units	
Hz	hertz
kHz	kilo-hertz

Color Units	
color name	red, yellow, transparent,...

<b>System Colors</b>	ThreeDFace   ThreeDHighlight   ThreeDShadow   ThreeDLightShadow   ThreeDDarkShadow   ButtonFace   ButtonText   ButtonHighlight   ButtonShadow   Menu   MenuText   ActiveBorder   InactiveBorder   ActiveCaption   InactiveCaption   CaptionText   InactiveCaptionText   Highlight   HighlightText   InfoBackground   InfoText   Window   WindowFrame   WindowText   AppWorkspace   Background   Scrollbar   GrayText
<b>#rrggbb</b>	red = darkgreen = #f00
<b>rgb(r,g,b)</b>	red = rgb(255,0,0)
<b>rgb(r%,g%,b%)</b>	red = rgb(100%,0,0)
<b>rgba(r,g,b,alpha)</b>	red = rgba(255,0,0,1)
<b>hsl(h,s,l)</b>	red = hsl(0, 100%, 50%) (hue, saturation, lightness)
<b>hsla(h,s,l,alpha)</b>	red = hsl(0, 100%, 50%, 1) (hue, saturation, lightness, alpha)
<b>currentColor</b>	computed value of the 'currentColor' keyword is the computed value of the 'color' property
<b>flavor</b>	An accent color (typically chosen by the user) to customize the user interface of the user agent itself
<b>Fonts</b>	
<b>System Fonts</b>	caption   icon   menu   message-box   small-caption   status-bar
<b>Generic font families</b>	serif   sans-serif   cursive   fantasy   monospace
<b>Misc.</b>	
<b>&lt;page-size&gt;</b>	A5   A4   A3   B5   B4   letter   legal   ledger
<b>&lt;content-list&gt;</b>	[ pending(<identifier>)   <string>   contents   footnote   endnote   section-note   list-item   <counters>   <strings>   open-quote   close-quote   no-open-quote   no-close-quote   <glyph>   <url>   <date>   document-url   <target> ]+

### Box Model



## Attributes

Box Model	
display	block   inline   inline-block   list-item   none   run-in   compact   table   inline-table   table-header-group   table-footer-group   table-row-group   table-column-group   table-caption   table-cell   table-row   table-column   ruby   ruby-base   ruby-text   ruby-base-container   ruby-text-container
visibility	visible   hidden   collapse
height	<length>   <%>   auto
width	<length>   <%>   auto
max-height	<length>   <%>   none
max-width	<length>   <%>   none
min-height	<length>   <%>   inherit
min-width	<length>   <%>   inherit
logical-height	<length>   <%>   auto
logical-width	<length>   <%>   auto
max-logical-height	<length>   <%>   none
max-logical-width	<length>   <%>   none
min-logical-height	<length>   <%>
min-logical-width	<length>   <%>
float	left   right   none   <page-floats>
clear	left   right   both   none
overflow	visible   hidden   scroll   auto   no-display   no-content {1,2}
overflow-x	visible   hidden   scroll   auto   no-display   no-content
overflow-y	visible   hidden   scroll   auto   no-display   no-content
<b>overflow-style</b>	marquee-line   marquee-block   auto
<b>marquee-direction</b>	forward   reverse
<b>marquee-play-count</b>	<+int>   infinite
<b>marquee-speed</b>	slow   normal   fast
<b>marquee-style</b>	scroll   slide   alternate
<b>rotation</b>	<angle>
<b>rotation-point</b>	<bg-position>
Box Boundaries	
margin	<length>   auto {1,4}
padding	<length>   <%> {1,4}
border	<border-width>    <border-style>    <border-color>
border-width	<length>   thin   medium   thick {1,4}
border-style	solid   dotted   dashed   double   groove   ridge   inset   outset   hidden   none {1,4}
border-color	<color> {1,4}
<b>border-image</b>	<border-image-source>    <border-image-slice>    <border-image-width>    <border-image-outset>    <border-image-repeat>

<b>border-image-source</b>	<url>   none	
<b>border-image-slice</b>	[ <num>   <%> ] *4    fill	
<b>border-image-width</b>	[ <length>   <percentage>   <number>   auto ]	{1,4}
<b>border-image-outset</b>	[ <length>   <number> ]	{1,4}
<b>border-image-repeat</b>	[ stretch   repeat   round ]	{1,2}
outline	<outline-width>    <outline-style>    <outline-color>	
outline-width	<border-width>   inherit	
outline-style	<border-style>   auto   inherit	
outline-color	<color>   invert   inherit	
outline-offset	<length>   inherit	
<b>border-radius</b>	<length>   %	{1,4}
<b>box-shadow</b>	[ <length>, <length>, <length>, <length>    <color>    inset ]   none	
<b>box-decoration-break</b>	slice   clone	
Background		
background	<background-image>    <background-position>    <background-size>    <background-repeat>    <background-attachment>    <background-origin>    <background-clip>    <background-color>	
background-color	<color>	
background-image	<url>   none	
background-position	top left   top center   top   right   center left   center center   center right   bottom left   bottom center   bottom right   x-<%> y-<%>   x-pos y-pos	
background-repeat	repeat   repeat-x   repeat-y   space   round   no-repeat	
<b>background-clip</b>	border-box   padding-box   content-box	
<b>background-origin</b>	border-box   padding-box   content-box	
<b>background-size</b>	[ <length>   <%> ] [ auto   cover   contain ]	
<b>background-break</b>	bounding-box   each-box   continuous	
background-attachment	scroll   fixed   local	
Positioning		
position	relative   absolute   fixed   static	
top	<length>   <%>   auto	
right	<length>   <%>   auto	
bottom	<length>   <%>   auto	
left	<length>   <%>   auto	
z-index	<num>	
clip	<shape>   auto	
<b>grid-columns</b>	none   inherit [ <length> percentage relative <length> ]	
<b>grid-rows</b>	none   inherit [ <length> percentage relative <length> ]	

Text	
<code>text-align</code>	start   end   left   right   center   justify   <string>
<b>text-align-last</b>	start   end   left   right   center   justify
<code>text-justify</code>	inter-word   inter-ideograph   inter-cluster   distribute   kashida   tibetan   auto
<b>hanging-punctuation</b>	[ start    end    end-edge ]   none
<b>punctuation-trim</b>	[ start    end    adjacent ]   none
<code>text-indent</code>	[ <length>   <%> ] hanging?
<b>text-emphasis</b>	[ [ accent   dot   circle   disc ] [ before   after ]? ]   none
<code>text-transform</code>	capitalize   uppercase   lowercase   none
<code>word-break</code>	keep-all   loose   break-strict   break-all   normal
<code>text-wrap</code>	unrestricted   none   suppress   normal
<code>word-wrap</code>	break-word   normal
<code>letter-spacing</code>	<length>   <%>   normal {1,3}
<code>word-spacing</code>	<length>   <%>   normal {1,3}
<code>white-space</code>	pre   nowrap   pre-wrap   pre-line   normal
<code>white-space-collapse</code>	preserve   collapse   pre-serve-breaks   discard
<code>text-decoration</code>	none   underline   overline   line-through   blink
<code>color</code>	<color>   inherit
<b>opacity</b>	<alpha>   inherit
<b>text-outline</b>	[ <length> <length>? <color> ]   none
<code>text-shadow</code>	[ <length> <length> <length>? <color>? ]   none
<b>ruby-align</b>	start   end   left   center   right   distribute-letter   distribute-space   line-edge   auto
<b>ruby-overhang</b>	start   end   auto   none
<b>ruby-position</b>	before   after   right   inline
<b>ruby-span</b>	attr(x)   none
Text Direction	
<code>direction</code>	ltr   rtl
<code>unicode-bidi</code>	normal   [ embed   isolate ]    [ plaintext   bidi-override ]
<b>writing-mode</b>	horizontal-tb   vertical-rl   vertical-lr   horizontal-bt
<b>directional-mode</b>	physical   logical
Hyperlink	
<b>target</b>	<target-name>    <target-new>    <target-position>
<b>target-name</b>	current   root   parent   new   modal   <string>
<b>target-new</b>	window   tab   none
<b>target-position</b>	above   behind   front   back
Font	
<code>font</code>	[ <font-style>    <font-variant>    <font-weight>    <font-size>    <font-family> ]   <system-fonts>
<code>font-family</code>	[ <font-name>, <generic-font-families> ]   inherit
<code>font-size</code>	<length>   <%>   smaller   larger   inherit   xx-small   x-small   small   medium   large   x-large   xx-large
<code>font-size-adjust</code>	<num>   none   inherit



font-weight	normal   bold   bolder   lighter   inherit   100   200   300   400   500   600   700   800   900
font-stretch	wider   narrower   normal   inherit   semi-condensed   condensed   extra-condensed   ultra-condensed   semi-expanded   expanded   extra-expanded   ultra-expanded
font-style	normal   italic   oblique   inherit
font-variant	normal   small-caps   inherit
<b>Font - @font-face Rule</b>	
font-family	<font-name>
font-weight	normal   bold   bolder   lighter   inherit   100   200   300   400   500   600   700   800   900
font-stretch	wider   narrower   normal   inherit   semi-condensed   condensed   extra-condensed   ultra-condensed   semi-expanded   expanded   extra-expanded   ultra-expanded
font-style	normal   italic   oblique   inherit
src	<url>, <local> , *
unicode-range	<urange> , *
<b>Line Box</b>	
vertical-align	baseline   sub   super   top   text-top   middle   central   bottom   text-bottom   use-script   auto   <length>   <%>
line-height	<num>   <length>   <%>   normal   none
<b>text-height</b>	font-size   text-size   max-size   auto
<b>baseline-shift</b>	baseline   sub   super   <length>   <%>
<b>inline-box-align</b>	initial   last   <int>
<b>alignment-adjust</b>	central   middle   ideographic   alphabetic   mathematical   text-before-edge   text-after-edge   hanging   baseline   before-edge   after-edge   auto   <length>   <%>
<b>alignment-baseline</b>	central   middle   ideographic   alphabetic   mathematical   text-before-edge   text-after-edge   hanging   baseline   before-edge   after-edge   use-script
<b>dominant-baseline</b>	central   middle   ideographic   alphabetic   mathematical   text-before-edge   text-after-edge   hanging   no-change   reset-size   use-script   auto
<b>drop-initial-before-align</b>	central   middle   ideographic   alphabetic   mathematical   text-before-edge   text-after-edge   hanging   baseline   before-edge   after-edge   use-script   caps-height
<b>drop-initial-after-align</b>	central   middle   ideographic   alphabetic   mathematical   text-before-edge   text-after-edge   hanging   baseline   before-edge   after-edge   use-script
<b>drop-initial-before-adjust</b>	central   middle   ideographic   alphabetic   mathematical   before-edge   text-before-edge   <length>   <%>
<b>drop-initial-after-adjust</b>	central   middle   ideographic   alphabetic   mathematical   after-edge   text-after-edge   <length>   <%>
<b>drop-initial-value</b>	initial   <int>
<b>drop-initial-size</b>	auto   <line>   <length>   <%>
<b>line-stacking</b>	<line-stacking-strategy>    <line-stacking-ruby>    <line-stacking-shift>
<b>line-stacking-strategy</b>	inline-line-height   block-line-height   max-height   grid-height
<b>line-stacking-ruby</b>	exclude-ruby   include-ruby
<b>line-stacking-shift</b>	consider-shifts   disregard-shifts
<b>Table</b>	
caption-side	top   bottom   left   right
table-layout	fixed   auto

<b>border-collapse</b>	collapse   separate
<b>border-spacing</b>	<length> <length>
<b>empty-cells</b>	show   hide
List	
<b>list-style</b>	<list-style-type>    <list-style-position>    <list-style-image>
<b>list-style-type</b>	box   check   circle   diamond   disc   hyphen   square   japanese-formal   japanese-informal   simp-chinese-formal   simp-chinese-informal   trad-chinese-formal   trad-chinese-informal   lower-roman   upper-roman   lower-armenian   upper-armenian   armenian   cjk-ideographic   ethiopic-numeric   georgian   hebrew   syriac   tamil   decimal   decimal-leading-zero   upper-hexadecimal   lower-hexadecimal   octal   binary   arabic-indic   bengali   cambodian   devanagari   gujarati   gurmukhi   kannada   khmer   lao   malayalam   mongolian   myanmar   oriya   persian   telugu   tibetan   thai   urdu   amharic   amharic-abegede   cjk-earthly-branch   cjk-heavenly-stem   ethiopic   ethiopic-abegede   ethiopic-abegede-am-et   ethiopic-abegede-gez   ethiopic-abegede-ti-er   ethiopic-abegede-ti-et   ethiopic-halehame-aa-er   ethiopic-halehame-aa-et   ethiopic-halehame-am-et   ethiopic-halehame-gez   ethiopic-halehame-om-et   ethiopic-halehame-sid-et   ethiopic-halehame-so-et   ethiopic-halehame-ti-er   ethiopic-halehame-ti-et   ethiopic-halehame-tig   hangul   hangul-consonant   hiragana   hiragana-iroha   katakana   katakana-iroha   lower-alpha   upper-alpha   lower-greek   upper-greek   lower-norwegian   upper-norwegian   lower-latin   upper-latin   tigrinya-er   tigrinya-er-abegede   tigrinya-et   tigrinya-et-abegede   afar   oromo   sidama   somali   tigre   asterisks   footnotes
<b>list-style-position</b>	inside   outside
<b>list-style-image</b>	<url>   none
Multi-Column	
<b>columns</b>	<column-width>    <column-count>
<b>column-width</b>	<length>   auto
<b>column-count</b>	<num>   auto
<b>column-rule</b>	<column-rule-width>    <column-rule-style>    <column-rule-color>
<b>column-rule-width</b>	<border-width>
<b>column-rule-style</b>	<border-style>
<b>column-rule-color</b>	<color>
<b>column-fill</b>	balance   auto
<b>column-gap</b>	<length>   normal
<b>column-span</b>	1   all
<b>break-before</b>	auto   always   left   right   page   column   avoid   avoid-page   avoid-column
<b>break-after</b>	auto   always   left   right   page   column   avoid   avoid-page   avoid-column
<b>break-inside</b>	auto   avoid   avoid-page   avoid-column
Flexible Box Layout	
<b>box-align</b>	start   end   center   baseline   stretch

<b>box-direction</b>	normal   reverse   inherit
<b>box-flex</b>	<num>
<b>box-flex-group</b>	<int>
<b>box-lines</b>	single   multiple
<b>box-ordinal-group</b>	<int>
<b>box-orient</b>	horizontal   vertical   inline-axis   block-axis   inherit
<b>box-pack</b>	start   end   center   justify
<b>Generated Content</b>	
content	[ <url> ' ' ]* [ <content-list>   normal   none   inhibit ]
counter-increment	[ <identifier> <int>? ]+   none
counter-reset	[ <identifier> <int>? ]+   none
crop	<shape>   auto
display	normal   list-item   none
move-to	<identifier>   normal   here
page-policy	start   first   last
quotes	[ <string> <string> ]+   none
<b>Generated Content for Paged Media</b>	
<b>bookmark-label</b>	content()   attr()   <string>
<b>bookmark-level</b>	<int>   none
<b>bookmark-state</b>	open   closed
<b>bookmark-target</b>	<url>   <attr>   none
<b>hyphenate-after</b>	<int>   auto
<b>hyphenate-before</b>	<int>   auto
<b>hyphenate-character</b>	<string>   auto
<b>hyphenate-lines</b>	<int>   no-limit
<b>hyphenate-resource</b>	none   <url>
<b>hyphens</b>	manual   auto   none
<b>bleed</b>	<length>
<b>float-offset</b>	<length> <length> ?
<b>image-resolution</b>	[ from-image    <dpi> ]   normal
marks	[ crop    cross ]   none
<b>string-set</b>	[ [ <identifier> <content-list> ] , <identifier> <content-list>]* ]   none
<b>Paged Media</b>	
page-break-after	avoid   always   left   right   auto
page-break-before	avoid   always   left   right   auto
page-break-inside	avoid   auto
orphans	<int>
widows	<int>

<b>image-orientation</b>	<angle>   auto
<b>fit</b>	fill   hidden   meet   slice
<b>fit-position</b>	[ [<%>   <length> ]{1,2}   [ [top   center   bottom]    [left   center   right] ] ]   auto
<b>Paged Media - @page Rule</b>	
<b>size</b>	<length>{1,2}   auto   [ <page-size>    [ portrait   landscape ] ]
<b>page</b>	<identifier>   auto
	It also accept the essential box properties: margin, border, padding, and background
<b>Presentation Levels</b>	
<b>presentation-level</b>	<int>   same   increment
<b>UI</b>	
<b>appearance</b>	icon   window   desktop   work-space   document   dialog   tab   outline-tree   hyperlink   tooltip   button   push-button   radio-button   checkbox   radio-group   checkbox-group   menu   menubar   menu-item   pull-down-menu   pop-up-menu   list-menu   field   combo-box   range   signature   password   normal   inherit
<b>cursor</b>	pointer   move   text   wait   help   crosshair   e-resize   w-resize   n-resize   s-resize   ne-resize   nw-resize   se-resize   sw-resize   auto   default   <url>
<b>icon</b>	<url>   auto   inherit
<b>nav-index</b>	<num>   auto   inherit
<b>nav-up</b>	auto   <id> [ current   root   <target-name> ]?   inherit
<b>nav-right</b>	auto   <id> [ current   root   <target-name> ]?   inherit
<b>nav-down</b>	auto   <id> [ current   root   <target-name> ]?   inherit
<b>nav-left</b>	auto   <id> [ current   root   <target-name> ]?   inherit
<b>box-sizing</b>	content-box   border-box   inherit
<b>resize</b>	both   horizontal   vertical   none   inherit
<b>Speech</b>	
<b>pause</b>	<pause-before>    <pause-after>
<b>pause-before</b>	<time>   x-weak   weak   medium   strong   x-strong   none   inherit
<b>pause-after</b>	<time>   x-weak   weak   medium   strong   x-strong   none   inherit
<b>cue</b>	<cue-before>    <cue-after>
<b>cue-before</b>	<url> [ silent   x-soft   soft   medium   loud   x-loud ]   none   inherit
<b>cue-after</b>	<url> [ silent   x-soft   soft   medium   loud   x-loud ]   none   inherit
<b>rest</b>	<rest-before>    <rest-after>
<b>rest-before</b>	<time>   x-weak   weak   medium   strong   x-strong   none   inherit
<b>rest-after</b>	<time>   x-weak   weak   medium   strong   x-strong   none   inherit
<b>mark</b>	<mark-before>    <mark-after>
<b>mark-before</b>	<string>
<b>mark-after</b>	<string>
<b>voice-family</b>	[ [<specific-voice>   [<age>] <generic-voice> ] [<number>], ]* [<specific-voice>   [<age>] <generic-voice> ] [<number>]   inherit

<b>voice-volume</b>	<num>   <%>   silent   x-soft   soft   medium   loud   x-loud   inherit
<b>voice-balance</b>	<num>   left   center   right   leftwards   rightwards   inherit
<b>voice-duration</b>	<time>
<b>voice-rate</b>	<%>   x-slow   slow   fast   x-fast   inherit
<b>voice-pitch</b>	x-low   low   medium   high   x-high   inherit   <num>   <%>
<b>voice-pitch-range</b>	x-low   low   medium   high   x-high   inherit   <num>
<b>voice-stress</b>	strong   moderate   none   reduced   inherit
<b>phonemes</b>	<string>
<b>speak</b>	spell-out   digits   literal-punctuation   no-punctuation   normal   none   inherit
Animations	
<b>animation</b>	<animation-name>    <animation-duration>    <animation-timing-function>    <animation-delay>    <animation-iteration-count>
<b>animation-name</b>	IDENT   none
<b>animation-delay</b>	<time>
<b>animation-duration</b>	<time>
<b>animation-direction</b>	alternate   normal
<b>animation-iteration-count</b>	<num>   inherit
<b>animation-play-state</b>	running   paused
<b>animation-timing-function</b>	ease   linear   ease-in   ease-out   ease-in-out   cubic-Bezier(<num>,<num>,<num>,<num>)
Transitions	
<b>transition</b>	<transition-property>    <transition-duration>    <transition-timing-function>    <transition-delay>
<b>transition-duration</b>	<time>
<b>transition-delay</b>	<time>
<b>transition-timing-function</b>	ease   linear   ease-in   ease-out   ease-in-out   cubic-Bezier(<num>,<num>,<num>,<num>)
<b>transition-property</b>	all   [ <IDENT> ]   none
3D/2D Transformation	
<b>transform</b>	matrix(<num>,<num>,<num>,<num>,<num>,<num>) matrix3d(<num>,<num>,<num>,<num>,<num>,<num>,<num>,<num>,<num>,<num>,<num>,<num>,<num>,<num>,<num>,<num>)  translate(<length>[,<length>]) translate3d(<length>,<length>,<length>) translateX(<length>) translateY(<length>) translateZ(<length>)  scale(<num>[,<num>]) scale3d(<num>,<num>,<num>) scaleX(<num>) scaleY(<num>) scaleZ(<num>)  rotate(<angle>) rotate3d(<num>,<num>,<num>,<angle>) rotateX(<angle>) rotateY(<angle>) rotateZ(<angle>)

	skewX(<angle>) skewY(<angle>) skew(<angle> [, <angle>])
<b>transform-origin</b>	[ [ [ <%>   <length>   left   center   right ] [ <%>   <length>   top   center   bottom ] ] <length> ]
<b>transform-style</b>	flat   preserve-3d
<b>perspective</b>	<num>   none
<b>perspective-origin</b>	[ [ [ <%>   <length>   left   center   right ] [ <%>   <length>   top   center   bottom ] ] <length> ]
<b>backface-visibility</b>	visible   hidden

## Box Bounderies Attributes

<b>border</b>	<b>border-width</b>	<b>border-style</b>	<b>border-color</b>
<b>border-top</b>	border-top-width	border-top-style	border-top-color
<b>border-right</b>	border-right-width	border-right-style	border-right-color
<b>border-bottom</b>	border-bottom-width	border-bottom-style	border-bottom-color
<b>border-left</b>	border-left-width	border-left-style	border-left-color
<b>border-before</b>	border-before-width	border-before-style	border-before-color
<b>border-after</b>	border-after-width	border-after-style	border-after-color
<b>border-start</b>	border-start-width	border-start-style	border-start-color
<b>border-end</b>	border-end-width	border-end-style	border-end-color

<b>outline</b>	<b>outline-width</b>	<b>outline-style</b>	<b>outline-color</b>
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<b>margin</b>			
<b>margin-top</b>			
<b>margin-right</b>			
<b>margin-bottom</b>			
<b>margin-left</b>			
<b>margin-before</b>			
<b>margin-after</b>			
<b>margin-start</b>			
<b>margin-end</b>			

<b>padding</b>			
<b>padding-top</b>			
<b>padding-right</b>			
<b>padding-bottom</b>			
<b>padding-left</b>			
<b>padding-before</b>			
<b>padding-after</b>			
<b>padding-start</b>			
<b>padding-end</b>			

## Media Types

Media Types	Media Groups									
	continuous	paged	visual	audio	speech	tactile	grid	bitmap	static	interactive
screen	continuous		visual	audio				bitmap	static	interactive
print		paged	visual					bitmap	static	
projection		paged	visual					bitmap		interactive
tv	continuous	paged	visual	audio				bitmap	static	interactive
handheld	continuous	paged	visual	audio	speech		grid	bitmap	static	interactive
speech	continuous				speech				static	interactive
tty	continuous		visual				grid		static	interactive
braille	continuous					tactile	grid		static	interactive
emboss		paged				tactile	grid		static	

## Syntax Guideline

Syntax	Meaning
	or
	and/or
[]	grouping
<>	variable
<num>	number: normal number, doesn't accept fractions. e.g. 1, 2, 3, ...
<int>	integer: number accepts fractions. e.g. 1, 2.5, 3.75
<%>	percentage: integer followed by '%'
<length>	integer followed by a length unit
<angle>	integer followed by an angle unit
{x,y}	The preceding value/group occurs at least x times and at most y times.
*	The preceding value/group occurs zero or more times. {0,*}
+	The preceding value/group occurs one or more times. {1,*}
?	The preceding value/group is optional. {0,1}
<b>Bold</b>	New attribute, i.e. supported in CSS 3 only