BACKGROUNDS

background

background-image

background-position

background-size

background-repeat

background-attachment

background-origin

background-clip

background-color

background-break

background-size

length

%

auto | cover | contain

background-repeat

repeat | repeat-x |

repeat-y | no-repeat

background-attachment

scroll | fixed

background-origin

border-box | padding-box |

content-box

background-image

url

none

background-position

top left | top center |

top right | center left |

center center | center right |

bottom left | bottom enter |

bottom right

x-% y-%

x-pos y-pos

background-clip

length

%

border-box | padding-box |

content-box | no-clip

background-color

color

transparent

background-break

bounding box | each-box |

continuous

BORDER

border
border-width
border-style
border-color

border-width
thin | medium | thick | length

border-style
none | hidden | dotted | dashed |
solid | double | groove | ridge |
inset | outset

border-color
color

border-bottom
border-bottom-width
border-style
border-color

border-left
border-left-width
border-style
border-color

border-left-style
border-style

border-top
border-top-width
border-style
border-color

border-top-color
border-color

border-top-style
border-style

box-shadow
inset
[length, length, length, length]
<color>
none

border-collapse
collapse | separate

border-right-width
thin | medium | thick | length

border-right-color
border-color

border-image
image
[number / %]
border-width
stretch | repeat | round
none

border-top-width
thin | medium | thick | length

border-break
border-width
border-style
color
close

border-bottom-color
border-color

border-bottom-style
border-style

border-left-color
border-color

border-left-width
thin | medium | thick | length

border-right-style
border-style

border-right
border-right-width
border-style
border-color

border-radius
border-radius
border-top-right-radius
border-bottom-right-radius
border-bottom-left-radius
border-top-left-radius

border-top-right-radius
length

border-bottom-right-radius
length

border-bottom-left-radius
length

BOX MODEL

float
left | right | none

height
auto | length | %

max-height
none | length | %

max-width
none | length | %

min-height
none | length | %

min-height
none | length | %

width
auto | % | length

padding
padding-top
padding-right
padding-bottom
padding-left

padding-bottom
length

padding-left
length
%

padding-right
length
%

padding-top
length
%

display
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

rotation
angle

rotation-point
position (paired value off-set)

margin
margin-top
margin-right
margin-bottom
margin-left

margin-bottom
auto | length | %

margin-left
auto | height | %

margin-right
auto | height | %

margin-top
auto | length | %

marquee-direction
forward | reverse

marquee-loop
infinite
integer

marquee-speed
slow | normal | fast

marquee-style
scroll | slide | alternate

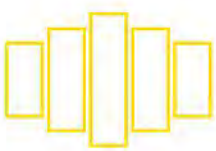
overflow
visible | hidden | scroll

overflow-style
auto
marquee-line
marquee-block

overflow-X
visible
hidden
scroll
auto
no-display
no-content

visibility
visible | hidden |
collapse

clear
left
right
both
none



3D/2D TRANSFORM

backface-visibility

visible | hidden

perspective

none
number

perspective-origin

%
left | center | right
top | center | bottom
left | center | right
top | center | bottom

transform-style

flat | preserve-3d

transform

none | matrix | matrix3d |
translate3d | tranlateX |
translateY | translateZ | scale |
scale3d | scaleX | scaleY |
scaleZ | rotate | rotate3d |
rotateX | rotateY | rotateZ |
skewX | skewY | skew |
perspective

transform-origin

%
left | center | right
top | center | bottom
left | center | right
top | center | bottom

GENERATED CONTENT

bookmark-label
content
attr
string

bookmark-level
none
integer

bookmark-target
self
url
attr

border-length
self
url
attr

content
normal | none | inhibit | url

hyphenate-lines
no-limit
integer

hyphenate-resource
none
url

hyphens
none, manual, auto

image-resolution
normal | auto
dpi

hyphenate-before
auto
integer

hyphenate-charater
auto
string

counter-reset
none
identifier number

crop
auto
shape

display
normal | none | list-item

float-offset
length length

hyphenate-after
auto
integer

counter-increment
none, identifier number

marks
crop
cross
none

move-to
normal
here
identifier

page-policy
start | first | last

quotes
none

string-set
identifier
content-list

text-replace
none
[<string>] +

COLUMN

column-count

auto
number

column-fill

auto | balance

column-gap

normal
length

column-rule-width

thin | medium | thick | length

column-span

1 | all

column-rule

column-rule-width
column-rule-style
column-rule-color

column-rule-style

border-style

columns

column-width
column-count

column-width

auto
length

COLORS

colors

inherit
color

opacity

inherit
number

GRID POSITIONING

grid-columns

none | inherit
[length percentage relative
length]

grid-rows

none | inherit
[length percentage relative
length]

PAGED MEDIA

fit

fill | hidden | meet | slice

fit-position

top | center | bottom | left | center | right

length

%

orphans

integer

image-orientation

auto
angle

size

auto | landscape | portrait
length

windows

integer

page

auto
indentifier

page-break-after

auto | always | avoid | left | right

page-break-before

auto | always | avoid | left | right

page-break-inside

auto | avoid

CSS SNIPPETS

snippets include:

selector { property = value }

sidebar attributes snippet

#sidebar { position: relative; float: left; width: 100px; color: blue; font-size: 40% border-left: solid 2px blue; }

font shorthand property to define all properties in one statement

#selector { font: italic bold 12px/30px georgia, serif;}

(font size and family are required, but other values are set to default if left out)

hover over/anchor snippets

a: active { color: red; }
a: link { color: yellow; }
a: visited { color: blue; }
a: hover { color: green; }

background color snipper

#selector { background: #e3eae2; }

multi-border using a pseudo shadowbox snippet:

box-shadow: [inset] [horizontal offset] [vertical offset] [blur radius] [optional spread radius] [color]

creative page layout snippet

.columns { column-count: 5; column-gap: 20px; }

text align snippet

ta_l { text-align: left; }

font weight snippet

bold { font-weight: bold; }

snippet to align text with display and margin property

center { text-align: center: margin: auto; display: block; }

text decoration snippet

no_td: hover { text-decoration: none; }

clear and float snippet

clear { float: none; clear: both; }

FONT

font

font-style

font-variant

font-weight

font-size/line-height

font-family

caption | icon | menu | message-box | small-caption | status-bar

font-size-adjustment

none | inherit

number

font-family

normal

wider

narrower

ultra-condensed

extra-condensed

condensed

semi-condensed

semi-expanded

ultra-expanded

inherit

font-style

normal | italic | oblique | inherit

font-variant

normal | small-caps | inherit

font-size

xx-small

x-small

small

medium

large

x-large

xx-large

smaller

larger

inherit

length

font-weight

normal | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | inherit

LINE BOX

alignment-adjust
auto | baseline | before-edge | text-before-edge | middle | central | after-edge | text-after-edge | ideographic | alphabetic | hanging | mathematical

length
%

alignment-baseline
baseline | ise-script | before-edge | text-before-edge | after-edge | text-after-edge | central | middle | ideographic | alphabetic | hanging | mathematical

baseline-shift
baseline | sub | super
length
%

dominant-baseline
auto | use-script | no-change | reset-size | alphabetic | hanging | ideographic | mathematical | central | middle | text-after-edge | text-before-edge

drop-initial-after-align
alignment-baseline

inline-box-align
initial | last

integer

line-height
normal
number
length
%

line-stacking
line-stacking-strategy

line-stacking-ruby

line-stacking-shift

line-stacking-strategy
inline-line-height | block-line-height | max-height | grid-height

line-stacking-ruby
exclude-ruby | include-ruby

line-stacking-shift
consider-shifts | disregard-shifts

line-stacking
line-stacking-strategy
line-stacking-ruby
line-stacking-shift

text-height
auto | font-size | text -size | max-size

vertical-align
baseline | sub | super | top | text-top | middle | bottom | text-bottom

length

%

LIST & MARKERS

list-style

list-style-type
list-style-position
list-style-image

list-style-image

none
url

list-style-type

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
footnotes

marker-offset

auto
length

ANIMATIONS

animations

animation-name
animation-duration
animation-timing-function
animation-delay
animation-iteration-count
animation-direction

animation-name

none | ident

animation-duration

time

animation-timing-function

ease
linear
ease-in
ease-out
ease-in-out
cubic-bezier (number, number, number, number)

animation-delay

time

animation-iteration-count

inherit
number

animation-direction

normal | alternate

animation-play-state

running | paused

HYPERLINK

target
target-name
target-new
target-position

target-name
current | root | parent | new | model

string

target-new
window | tab | none

target-position
above | behind | front | back

POSITIONING

bottom
auto
%
length

top
auto
%
length

right
auto
%
length

left
auto
%
length

clip
shape
auto

x-index
auto
number

position
static | relative | absolute | fixed

RUBY

ruby-align
auto | start | left | center | end | right | distribute-letter | distribute-space | line-edge

ruby-overhang
auto | start | end | none

ruby-position
before | after | right | inline

ruby-span
attr(x) | none

PSEUDO-CLASS

:active	an activated element
:focus	an element while the element has focus
:hover	an element when you mouse over it
:link	an unvisited link
:disabled	an element while the element is disabled
:enabled	an element while the element is enabled
:checked	an element that is checked
:selection	an element that is currently selected or highlighted by the user
:lang	allows the author to specify a language to use in a specified element
:nth-child(n)	an element that is the n-th sibling
:nth-last-child(n)	an element that is the n-th sibling counting from the last sibling
:first-child	an element that is the first sibling
:last-child	an element that is the last sibling
:only-child	an element that is the only child
:nth-of-type(n)	an element that is the n-th sibling of its type
:nth-last-oftype(n)	an element that is the n-th sibling of its type counting from the last sibling
:last-of-type	an element that is the last sibling of its type
:first-of-type	an element that is the first sibling of its type
:only-of-type	an element that is the only child of its type :empty an element that has no children
:root	root element within the document
:not(x)	an element not represented by the argument 'x'
:target	a target element as specified by a target in a UR

PSEUDO-ELEMENT

::first-letter	adds special style to the first letter of a text
::first-line	adds special style to the first line of a text
::before	inserts some content before an element
::after	inserts some content after an element

ABSOLUTE MEASUREMENT

%	percentage
cm	centimeter
in	inch
mm	millimeter
pc pica	(1p = 12 points)
pt point	(1pt = 1/72 inch)

ANGLES

%	degrees
cm	grads
in	radians
mm	turns

TIME

ms	milli-seconds
s	seconds

FREQUENCY

Hz	hertz
kHz	kilo-hertz

RELATIVE MEASUREMENT

ch	width of the "0" glyph found in the font for the font size used to render
em	1em = current font size of current element
ex	x-height of the element's font
gd	the grid defined by 'layout-grid'
px	pixel of the viewing device
rem	the font size of the root element
vh	the font size of the root element
vw	the font size of the root element
vm	viewport's height or width, whichever is smaller of the two

COLORS

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(255,0,0,0)
#rrggbb	red = #ff0000 (or shorthand - #f00)
hsl	(hue, saturation, lightness) red = hsl (0, 100%, 50%)
flabor	an accent color (typically chosen by the user) to customize the user interface of the user agent itself.
currentColor	the font size of the root element

SELECTOR TYPES

Name	Info	Example
Universal	Any element	* { font: 10px Arial; }
Type	Any element of that type	h1 { text-decoration: underline; }
Grouping	Multiple elements of different types	es h1, h2, h3 { font-family: verdana; }
Class	Multiple elements of different types when you don't want to affect all instances of that type	sampleClass { text-decoration: underline; }
Id	A single element type when you don't want to affect all instances of that type	#sampleID { text-decoration: underline; }
Descendant	An element that is below (in the document tree) another element - no matter how many levels below	: #gallery h1 { text-decoration: underline; }
Child	An element that is directly below (in the document tree) another element	#title > p { font-weight: bold; }
Adjacent Sibling	All elements that share the same parent and elements are in the same immediate sequence	h1 + p { font-style: italic; }
General Sibling	All elements that share the same parent and elements are in the same sequence (not necessarily immediate)	h1 ~ p { font-style: italic; }
Attribute	An element 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"

OUTLINE

outline

outline-color

outline-style

outline-width

outline-offset

inherit

length

outline-style

none | dotted | dashed | solid | double | groove | ridge | inset | outset

outline-width

thin

medium

thick

length

SPEECH

cue
cue-before
cue- after

mark
mark-before
mark-after

mark-before
string

mark-after
string

voice-pitch-range
X-low | low | medium | high | x-high | inherit

number

voice-stress
strong | moderate | none | reduced | inherit

voice-volume
silent | x-soft | soft | medium | loud | x-loud | inherit

number
%

cue-after
url
silent
x-soft
soft
medium
loud
x-loud
none
inherhit
number
%

caption-side
top | bottom | left | right

rest
rest-before
rest-after

cue-before
url | silent | x-soft | soft | medium | loud | x-loud | none | inherit

pause
pause-before
pause-after

pause-before
none | x-weak | weak | medium | strong | x-strong | inherit

time

phonemes
string

voice-duration
time

voice-family
inherit

<specific-voice, age, generic-voice, number>

voice-rate
x-slow
slow
medium
fast
x-fast
inherit
%

voice-pitch
x-low
low
medium
high
x-high
inherit
number
%

rest-before
none | x-weak | weak | medium | strong | x-strong | inherit

time

rest-after
none | x-weak | weak | medium | strong | x-strong | inherit

time

speak
none
normal
spell-out
digits
literal-punctuation
no-punctuation
inherit-number

TEMPLATE LAYOUT

box-align

start
end
center
base

box-direction

normal | reverse

box-lines

single | multiple

box-orient

horizontal | verticle | inline-axis | block-axis

box-flex

normal

box-flex-group

integer

box-pack

start | end | center | justify

box-sizing

content-box
padding-box
border-box
margin-box

tab-side

top | bottom | left | right

TABLE

border-collapse

collapse | separate

empty-cells

show | hide

border-spacing

length length

table-layout

auto | fixed

caption-side

top | bottom | left | right

TEXT

direction

ltr | rtl | inherit

hanging-punctuation

none | [start | end | end-edge

letter spacing

normal
length
%

text-outline

none
color
length

unicode-bidi

normal | embed | bidi-override

white-space

normal
pre
nowrap
pre-wrap
pre-line

white-space-collapse

preserve | collapse |
pre-serve-breaks | discard

text-emphasis

none
accent | dot | circle | disc
before | after
?

text-indent

length
%

text-justify

auto
inter-word
inter-ideograph
inter-cluster
distribute
kashida
tibetan

text-shadow

none
color
length

punctuation-trim

none | start | end | adjacent

text-align

start | end | left | right |
center | justify

text-align-last

start | end | left | right |
center | justify

text-decoration

none
underline
overline
line-through
blink

word-break

normal | keep-all | loose |
break-strict | break-all

word-wrap

normal
length
%

text-transform

none
capitalize
uppercase
lowercase

text-wrap

normal | unrestricted | none |
suppress

word-spacing

normal
length
%

TRANSITIONS

transitions

transitions-property
transitions-duration
transition-timing-function
transitions-delay

transitions-delay

time

transition-timing-function

ease | linear | ease-in | ease-out | ease-in-out | cubic-bezier (number, number, number, number)

transitions-duration

time

transitions-property

none | all

UI (USER INTERFACE)

appearance

normal | inherit | [icon | window | desktop | work-space | 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]

cursor

auto | crosshair | default | pointer | move | e-resize | neresize | nw-resize | n-resize | se-resize | sw-resize | swresize | s-resize | w-resize | text | wait | help

url

icon

auto | inherit

url

nav-index

auto | inherit

number

nav-up

auto | inherit [current | root |

nav-right

auto | inherit [current | root |

nav-down

auto | inherit [current | root |

nav-left

auto | inherit [current | root |

resize

none | both | horizontal | vertical | inherit