

Syntax. 1

Child: > 1
 Sibling: + 1
 Climb-up: ^ 1
 Grouping: () 1
 Multiplication: * 2
 Naming and numbering: \$ 2
 ID and CLASS attributes . 2
 Custom attributes 2
 Text: {} 2
 Implicit tag names 2

HTML 3

Form, Input, Button 4

CSS 7

Visual Formatting 7
 Margin & Padding 9
 Box Sizing 9
 Font 9
 Text. 11
 Background 13
 Color 14
 Generated content 14
 Outline 15
 Tables 15
 Border 15
 Lists 18
 Print 18
 Others 18
 Animation 19
 Flex. 20
 Transform, Transition . . 21

XSL 22**HTML DOCTYPES . 23**

1

SYNTAX**Child: >**

```
nav>ul>li
  <nav>
    <ul>
      <li></li>
    </ul>
  </nav>
```

Sibling: +

```
div+p+bq
  <div></div>
  <p></p>
  <blockquote></blockquote>
```

Climb-up: ^

```
div+div>p>span+em^bq
  <div></div>
  <div>
    <p><span></span><em></em></p>
    <blockquote></blockquote>
  </div>
```

```
div+div>p>span+em^bq
  <div></div>
  <div>
    <p><span></span><em></em></p>
  </div>
  <blockquote></blockquote>
```

Grouping: ()

```
div>(header>ul>li*2>a)+footer>p
  <div>
    <header>
      <ul>
        <li><a href=""></a></li>
        <li><a href=""></a></li>
      </ul>
    </header>
    <footer>
      <p></p>
    </footer>
  </div>
```

(div>dl>(dt+dd)*3)+footer>p

```
<div>
  <dl>
    <dt></dt>
    <dd></dd>
    <dt></dt>
    <dd></dd>
    <dt></dt>
    <dd></dd>
  </dl>
</div>
<footer>
  <p></p>
</footer>
```

2

Multiplication: *

```
ul>li*5
  <ul>
    <li></li>
    <li></li>
    <li></li>
    <li></li>
    <li></li>
  </ul>
```

Naming and numbering: \$

```
ul>li.sample$*5
  <ul>
    <li class="sample1"></li>
    <li class="sample2"></li>
    <li class="sample3"></li>
    <li class="sample4"></li>
    <li class="sample5"></li>
  </ul>
```

h\$[title=topic\$]{Headline \$}*3

```
<h1 title="topic1">Headline 1</h1>
<h2 title="topic2">Headline 2</h2>
<h3 title="topic3">Headline 3</h3>
```

ul>li.item\$\$\$*5

```
<ul>
  <li class="item001"></li>
  <li class="item002"></li>
  <li class="item003"></li>
  <li class="item004"></li>
  <li class="item005"></li>
</ul>
```

ul>li.item\$@-*5

```
<ul>
  <li class="item5"></li>
  <li class="item4"></li>
  <li class="item3"></li>
  <li class="item2"></li>
  <li class="item1"></li>
</ul>
```

ul>li.item\$@3*5

```
<ul>
  <li class="item3"></li>
  <li class="item4"></li>
  <li class="item5"></li>
  <li class="item6"></li>
  <li class="item7"></li>
</ul>
```

ID and CLASS attributes

```
#header
  <div id="header"></div>

.title
  <div class="title"></div>

form#search.wide
  <form id="search" class="wide"></form>

p.class1.class2.class3
  <p class="class1 class2 class3"></p>
```

Custom attributes

```
p[title="Hello world"]
  <p title="Hello world"></p>

td[rowspan=2 colspan=3 title]
  <td rowspan="2" colspan="3" title=""></td>

[a='value1' b="value2"]
  <div a="value1" b="value2"></div>
```

Text: {}

```
a{Click me}
  <a href="">Click me</a>

p>{Click }+a{here}+{ to continue}
  <p>Click <a href="">here</a> to continue</p>
```

Implicit tag names

```
.class
  <div class="class"></div>

em>.class
  <em><span class="class"></span></em>

ul>.class
  <ul>
    <li class="class"></li>
  </ul>

table>.row>.col
  <table>
    <tr class="row">
      <td class="col"></td>
    </tr>
  </table>
```

HTML

All unknown abbreviations will be transformed to tag, e.g. foo → <foo></foo>.

a

a:link

a:mail

abbr
<abbr title=""></abbr>
acronym, acr
<acronym title=""></acronym>
base
<base href="" />
basefont
<basefont />
br

frame
<frame />
hr
<hr />
bdo
<bdo dir=""></bdo>
bdo:r
<bdo dir="rtl"></bdo>
bdo:l
<bdo dir="ltr"></bdo>
col
<col />
link
<link rel="stylesheet" href="" />
link:css
<link rel="stylesheet" href="style.css" />
link:print
<link rel="stylesheet" href="print.css" media="print" />
link:favicon
<link rel="shortcut icon" type="image/x-icon" href="favicon.ico" />
link:touch
<link rel="apple-touch-icon" href="favicon.png" />

3

link:rss
<link rel="alternate" type="application/rss+xml" title="RSS" href="rss.xml" />
link:atom
<link rel="alternate" type="application/atom+xml" title="Atom" href="atom.xml" />
link:import, link:im
<link rel="import" href="component.html" />
meta
<meta />
meta:utf
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
meta:win
<meta http-equiv="Content-Type" content="text/html; charset=windows-1251" />
meta:vp
<meta name="viewport" content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0, minimum-scale=1.0" />
meta:compat
<meta http-equiv="X-UA-Compatible" content="IE=7" />
style
<style></style>
script
<script></script>
script:src
<script src=""></script>
img

img:srcset, img:s

img:sizes, img:z

picture
<picture></picture>
source, src
<source />
source:src, src:sc
<source src="" type="" />

4

Form, Input, Button

form
<form action=""></form>
form:get
<form action="" method="get"></form>
form:post
<form action="" method="post"></form>
label
<label for=""></label>
input
<input type="text" />
inp
<input type="text" name="" id="" />
input:hidden, input:h
<input type="hidden" name="" />
input:text, input:t
<input type="text" name="" id="" />
input:search
<input type="search" name="" id="" />
input:email
<input type="email" name="" id="" />
input:url
<input type="url" name="" id="" />
input:password, input:p
<input type="password" name="" id="" />
input:datetime
<input type="datetime" name="" id="" />
input:date
<input type="date" name="" id="" />
input:datetime-local
<input type="datetime-local" name="" id="" />
input:month
<input type="month" name="" id="" />
input:week
<input type="week" name="" id="" />
input:time
<input type="time" name="" id="" />

5

```
input:tel
  <input type="tel" name="" id="" />
input:number
  <input type="number" name="" id="" />
input:color
  <input type="color" name="" id="" />
input:checkbox, input:c
  <input type="checkbox" name="" id="" />
input:radio, input:r
  <input type="radio" name="" id="" />
input:range
  <input type="range" name="" id="" />
input:file, input:f
  <input type="file" name="" id="" />
input:submit, input:s
  <input type="submit" value="" />
input:image, input:i
  <input type="image" src="" alt="" />
input:button, input:b
  <input type="button" value="" />
isindex
  <isindex />
input:reset
  <input type="reset" value="" />
select
  <select name="" id=""></select>
select:disabled, select:d
  <select name="" id="" disabled="disabled"></select>
option, opt
  <option value=""></option>
textarea
  <textarea name="" id="" cols="30" rows="10"></textarea>
marquee
  <marquee behavior="" direction=""></marquee>
menu:context, menu:c
  <menu type="context"></menu>
menu:toolbar, menu:t
  <menu type="toolbar"></menu>
video
  <video src=""></video>
audio
  <audio src=""></audio>
html:xml
  <html xmlns="http://www.w3.org/1999/xhtml"></html>
keygen
  <keygen />
command
  <command />
button:submit, button:s, btn:s
  <button type="submit"></button>
button:reset, button:r, btn:r
  <button type="reset"></button>
button:disabled, button:d, btn:d
  <button disabled="disabled"></button>
fieldset:disabled, fieldset:d, fset:d, fst:d
  <fieldset disabled="disabled"></fieldset>
bq
  <blockquote></blockquote>
fig
  <figure></figure>
figc
  <figcaption></figcaption>
pic
  <picture></picture>
ifr
  <iframe src="" frameborder="0"></iframe>
emb
  <embed src="" type="" />
obj
  <object data="" type=""></object>
cap
  <caption></caption>
colg
  <colgroup></colgroup>
fst, fset
  <fieldset></fieldset>
btn
  <button></button>
optg
  <optgroup></optgroup>
tarea
  <textarea name="" id="" cols="30" rows="10"></textarea>
```

6

```
leg
  <legend></legend>
sect
  <section></section>
art
  <article></article>
hdr
  <header></header>
ftr
  <footer></footer>
adr
  <address></address>
dlg
  <dialog></dialog>
str
  <strong></strong>
prog
  <progress></progress>
mn
  <main></main>
tem
  <template></template>
datag
  <datagrid></datagrid>
datal
  <datalist></datalist>
kg
  <keygen />
out
  <output></output>
det
  <details></details>
cmd
  <command />
ri:dpr, ri:d
  <img srcset="" src="" alt="" />
ri:viewport, ri:v
  <img sizes="" srcset="" src="" alt="" />
ri:art, ri:a
  <picture>
    <source media="(min-width: )" srcset="" />
    <img src="" alt="" />
  </picture>
ri:type, ri:t
  <picture>
    <source srcset="" type="image/" />
    <img src="" alt="" />
  </picture>
ol+
  <ol>
    <li></li>
  </ol>
ul+
  <ul>
    <li></li>
  </ul>
dl+
  <dl>
    <dt></dt>
    <dd></dd>
  </dl>
map+
  <map name="">
    <area shape="" coords="" href="" alt="" />
  </map>
table+
  <table>
    <tr>
      <td></td>
    </tr>
  </table>
colgroup+, colg+
  <colgroup>
    <col />
  </colgroup>
tr+
  <tr>
    <td></td>
  </tr>
select+
  <select name="" id="">
    <option value=""></option>
  </select>
optgroup+, optg+
  <optgroup>
    <option value=""></option>
  </optgroup>
pic+
  <picture>
    <source srcset="" />
    <img src="" alt="" />
  </picture>
```

CSS

CSS module uses fuzzy search to find unknown abbreviations, e.g. `ov:h == ov-h == ovh == oh`.

If abbreviation wasn't found, it is transformed into property name: `foo-bar` → `foo-bar: |`;

You can prefix abbreviations with hyphen to produce vendor-prefixed properties: `-foo`

Visual Formatting

pos
`position: relative;`

pos:s
`position: static;`

pos:a
`position: absolute;`

pos:r
`position: relative;`

pos:f
`position: fixed;`

t
`top;`

t:a
`top: auto;`

r
`right;`

r:a
`right: auto;`

b
`bottom;`

b:a
`bottom: auto;`

l
`left;`

l:a
`left: auto;`

z
`z-index;`

z:a
`z-index: auto;`

fl
`float: left;`

fl:n
`float: none;`

fl:l
`float: left;`

fl:r
`float: right;`

cl
`clear: both;`

cl:n
`clear: none;`

cl:l
`clear: left;`

cl:r
`clear: right;`

cl:b
`clear: both;`

d
`display: block;`

d:n
`display: none;`

d:b
`display: block;`

d:f
`display: flex;`

d:if
`display: inline-flex;`

d:i
`display: inline;`

d:ib
`display: inline-block;`

d:li
`display: list-item;`

d:ri
`display: run-in;`

d:cp
`display: compact;`

d:tb
`display: table;`

d:itb
`display: inline-table;`

d:tbc
`display: table-caption;`

d:tbc
`display: table-column;`

d:tbc
`display: table-column-group;`

d:tbc
`display: table-header-group;`

d:tbc
`display: table-footer-group;`

d:tbr
`display: table-row;`

d:tbr
`display: table-row-group;`

d:tbc
`display: table-cell;`

d:rb
`display: ruby;`

d:rbb
`display: ruby-base;`

d:rbb
`display: ruby-base-group;`

d:r
`display: ruby-text;`

d:r
`display: ruby-text-group;`

v
`visibility: hidden;`

v:v
`visibility: visible;`

v:h
`visibility: hidden;`

v:c
`visibility: collapse;`

ov
`overflow: hidden;`

ov:v
`overflow: visible;`

ov:h
`overflow: hidden;`

ov:s
`overflow: scroll;`

ov:a
`overflow: auto;`

ovx
`overflow-x: hidden;`

ovx:v
`overflow-x: visible;`

ovx:h
`overflow-x: hidden;`

ovx:s
`overflow-x: scroll;`

8

ovx:a
`overflow-x: auto;`

ovy
`overflow-y: hidden;`

ovy:v
`overflow-y: visible;`

ovy:h
`overflow-y: hidden;`

ovy:s
`overflow-y: scroll;`

ovy:a
`overflow-y: auto;`

ovs
`overflow-style: scrollbar;`

ovs:a
`overflow-style: auto;`

ovs:s
`overflow-style: scrollbar;`

ovs:p
`overflow-style: panner;`

ovs:m
`overflow-style: move;`

ovs:m
`overflow-style: marquee;`

zoo, zm
`zoom: 1;`

cp
`clip;`

cp:a
`clip: auto;`

cp:r
`clip: rect(top right bottom left);`

rsz
`resize;`

rsz:n
`resize: none;`

rsz:b
`resize: both;`

rsz:h
`resize: horizontal;`

rsz:v
`resize: vertical;`

cur
`cursor: ${pointer};`

cur:a
cursor:auto;
cur:d
cursor:default;
cur:c
cursor:crosshair;
cur:ha
cursor:hand;
cur:he
cursor:help;
cur:m
cursor:move;
cur:p
cursor:pointer;
cur:t
cursor:text;

Margin & Padding

m
margin;;
m:a
margin:auto;
mt
margin-top;;
mt:a
margin-top:auto;
mr
margin-right;;
mr:a
margin-right:auto;
mb
margin-bottom;;
mb:a
margin-bottom:auto;
ml
margin-left;;
ml:a
margin-left:auto;
p
padding;;
pt
padding-top;;
pr
padding-right;;
pb
padding-bottom;;

9

pl
padding-left;;

Box Sizing

bxz
box-sizing:border-box;
bxz:cb
box-sizing:content-box;
bxz:bb
box-sizing:border-box;
bxsh
box-shadow:inset hoff voff blur
color;
bxsh:r
box-shadow:inset hoff voff blur
spread rgb(0, 0, 0);
bxsh:ra
box-shadow:inset h v blur spread
rgba(0, 0, 0, .5);

bxsh:n
box-shadow:none;

w
width;;

w:a
width:auto;

h
height;;

h:a
height:auto;

maw
max-width;;

maw:n
max-width:none;

mah
max-height;;

mah:n
max-height:none;

miw
min-width;;

mih
min-height;;

Font

f
font;;

f+
font:1em Arial,sans-serif;

fw
font-weight;;

fw:n
font-weight:normal;

fw:b
font-weight:bold;

fw:br
font-weight:bolder;

fw:lr
font-weight:lighter;

fs, fs:i
font-style:italic;

fs:n
font-style:normal;

fs:o
font-style:oblique;

fv
font-variant;;

fv:n
font-variant:normal;

fv:sc
font-variant:small-caps;

fz
font-size;;

fza
font-size-adjust;;

fza:n
font-size-adjust:none;

ff
font-family;;

ff:s
font-family:serif;

ff:ss
font-family:sans-serif;

ff:c
font-family:cursive;

ff:f
font-family:fantasy;

ff:m
font-family:monospace;

ff:a
font-family: Arial, „Helvetica
Neue", Helvetica, sans-serif;

10

ff:t
font-family: „Times New Roman",
Times, Baskerville, Georgia, serif;

ff:v
font-family: Verdana, Geneva,
sans-serif;

fef
font-effect;;

fef:n
font-effect:none;

fef:eg
font-effect:engrave;

fef:eb
font-effect:emboss;

fef:o
font-effect:outline;

fem
font-emphasize;;

femp
font-emphasize-position;;

femp:b
font-emphasize-position:before;

femp:a
font-emphasize-position:after;

fems
font-emphasize-style;;

fems:n
font-emphasize-style:none;

fems:ac
font-emphasize-style:accent;

fems:dt
font-emphasize-style:dot;

fems:c
font-emphasize-style:circle;

fems:ds
font-emphasize-style:disc;

fsm
font-smooth;;

fsm:a
font-smooth:auto;

fsm:n
font-smooth:never;

fsm:aw
font-smooth:always;

fst
font-stretch;;

fst:n
font-stretch:normal;

fst:uc
font-stretch:ultra-condensed;

fst:ec
font-stretch:extra-condensed;

fst:c
font-stretch:condensed;

fst:sc
font-stretch:semi-condensed;

fst:se
font-stretch:semi-expanded;

fst:e
font-stretch:expanded;

fst:ee
font-stretch:extra-expanded;

fst:ue
font-stretch:ultra-expanded;

Text

va
vertical-align:top;

va:sup
vertical-align:super;

va:t
vertical-align:top;

va:tt
vertical-align:text-top;

va:m
vertical-align:middle;

va:bl
vertical-align:baseline;

va:b
vertical-align:bottom;

va:tb
vertical-align:text-bottom;

va:sub
vertical-align:sub;

ta, ta:l
text-align:left;

ta:c
text-align:center;

11

ta:r
text-align:right;

ta:j
text-align:justify;

ta-lst
text-align-last;;

tal:a
text-align-last:auto;

tal:l
text-align-last:left;

tal:c
text-align-last:center;

tal:r
text-align-last:right;

td, td:n
text-decoration:none;

td:u
text-decoration:underline;

td:o
text-decoration:overline;

td:l
text-decoration:line-through;

te
text-emphasis;;

te:n
text-emphasis:none;

te:ac
text-emphasis:accent;

te:dt
text-emphasis:dot;

te:c
text-emphasis:circle;

te:ds
text-emphasis:disc;

te:b
text-emphasis:before;

te:a
text-emphasis:after;

th
text-height;;

th:a
text-height:auto;

th:f
text-height:font-size;

th:t
text-height:text-size;

th:m
text-height:max-size;

ti
text-indent;;

ti:-
text-indent:-9999px;

tj
text-justify;;

tj:a
text-justify:auto;

tj:iw
text-justify:inter-word;

tj:ii
text-justify:inter-ideograph;

tj:ic
text-justify:inter-cluster;

tj:d
text-justify:distribute;

tj:k
text-justify:kashida;

tj:t
text-justify:tibetan;

to
text-outline;;

to+
text-outline:0 0 #000;

to:n
text-outline:none;

tr
text-replace;;

tr:n
text-replace:none;

tt
text-transform:uppercase;

tt:n
text-transform:none;

tt:c
text-transform:capitalize;

tt:u
text-transform:uppercase;

tt:l
text-transform:lowercase;

12

tw
text-wrap;;

tw:n
text-wrap:normal;

tw:no
text-wrap:none;

tw:u
text-wrap:unrestricted;

tw:s
text-wrap:suppress;

tsh
text-shadow:hoff voff blur #000;

tsh:r
text-shadow:h v blur rgb(0, 0, 0);

tsh:ra
text-shadow:h v blur rgba(0, 0, 0, .5);

tsh+
text-shadow:0 0 0 #000;

tsh:n
text-shadow:none;

lh
line-height;;

lts
letter-spacing;;

lts-n
letter-spacing:normal;

whs
white-space;;

whs:n
white-space:normal;

whs:p
white-space:pre;

whs:nw
white-space:nowrap;

whs:pw
white-space:pre-wrap;

whs:pl
white-space:pre-line;

whsc
white-space-collapse;;

whsc:n
white-space-collapse:normal;

whsc:k
white-space-collapse:keep-all;

whsc:l
white-space-collapse:loose;

whsc:bs
white-space-collapse:break-strict;

whsc:ba
white-space-collapse:break-all;

wob
word-break;;

wob:n
word-break:normal;

wob:k
word-break:keep-all;

wob:ba
word-break:break-all;

wos
word-spacing;;

wow
word-wrap;;

wow:nm
word-wrap:normal;

wow:n
word-wrap:none;

wow:u
word-wrap:unrestricted;

wow:s
word-wrap:suppress;

wow:b
word-wrap:break-word;

13

Background

bg
background:#000;

bg+
background:#fff url() 0 0
no-repeat;

bg:n
background:none;

bgc
background-color:#fff;

bgc:t
background-color:transparent;

bgi
background-image:url();

bgi:n
background-image:none;

bgr
background-repeat;;

bgr:n
background-repeat:no-repeat;

bgr:x
background-repeat:repeat-x;

bgr:y
background-repeat:repeat-y;

bgr:sp
background-repeat:space;

bgr:rd
background-repeat:round;

bga
background-attachment;;

bga:f
background-attachment:fixed;

bga:s
background-attachment:scroll;

bgp
background-position:0 0;

bgpx
background-position-x;;

bgpy
background-position-y;;

bgbk
background-break;;

bgbk:bb
background-break:bounding-box;

bgbk:eb
background-break:each-box;

bgbk:c
background-break:continuous;

bgcp
background-clip:padding-box;

bgcp:bb
background-clip:border-box;

bgcp:pb
background-clip:padding-box;

bgcp:cb
background-clip:content-box;

bgcp:nc
background-clip:no-clip;

bgo
background-origin;;

bgo:pb
background-origin:padding-box;

bgo:bb
background-origin:border-box;

bgo:cb
background-origin:content-box;

bgsz
background-size;;

bgsz:a
background-size:auto;

bgsz:ct
background-size:contain;

bgsz:cv
background-size:cover;

14

Color

c
color:#000;

c:r
color:rgb(0, 0, 0);

c:ra
color:rgba(0, 0, 0, .5);

op
opacity;;

Generated content

cnt
content:'';

cnt:n, ct:n
content:normal;

cnt:oq, ct:oq
content:open-quote;

cnt:noq, ct:noq
content:no-open-quote;

cnt:cq, ct:cq
content:close-quote;

cnt:ncq, ct:ncq
content:no-close-quote;

cnt:a, ct:a
content:attr();

cnt:c, ct:c
content:counter();

cnt:cs, ct:cs
content:counters();

ct
content;;

q
quotes;;

q:n
quotes:none;

q:ru
quotes:'\00AB' ,'\00BB' ,'\201E'
,'\201C';

q:en
quotes:'\201C' ,'\201D' ,'\2018'
,'\2019';

coi
counter-increment;;

cor
counter-reset;;

Outline

ol
outline::

ol:n
outline:none;

olo
outline-offset::

olw
outline-width::

olw:tn
outline-width:thin;

olw:m
outline-width:medium;

olw:tc
outline-width:thick;

ols
outline-style::

ols:n
outline-style:none;

ols:dt
outline-style:dotted;

ols:ds
outline-style:dashed;

ols:s
outline-style:solid;

ols:db
outline-style:double;

ols:g
outline-style:groove;

ols:r
outline-style:ridge;

ols:i
outline-style:inset;

ols:o
outline-style:outset;

olc
outline-color:#000;

olc:i
outline-color:invert;

Tables

tbl
table-layout::

tbl:a
table-layout:auto;

tbl:f
table-layout:fixed;

cps
caption-side::

cps:t
caption-side:top;

cps:b
caption-side:bottom;

ec
empty-cells::

ec:s
empty-cells:show;

ec:h
empty-cells:hide;

Border

bd
border::

bd+
border:1px solid #000;

bd:n
border:none;

bdbk
border-break:close;

bdbk:c
border-break:close;

bdcl
border-collapse::

bdcl:c
border-collapse:collapse;

bdcl:s
border-collapse:separate;

bdc
border-color:#000;

bdc:t
border-color:transparent;

bdi
border-image:url();

bdi:n
border-image:none;

bdti

border-top-image:url();

bdti:n

border-top-image:none;

bdri

border-right-image:url();

bdri:n

border-right-image:none;

bdbi

border-bottom-image:url();

bdbi:n

border-bottom-image:none;

bdli

border-left-image:url();

bdli:n

border-left-image:none;

bdci

border-corner-image:url();

bdci:n

border-corner-image:none;

bdci:c

border-corner-image:continue;

bdtli

border-top-left-image:url();

bdtli:n

border-top-left-image:none;

bdtli:c

border-top-left-image:continue;

bdtri

border-top-right-image:url();

bdtri:n

border-top-right-image:none;

bdtri:c

border-top-right-image:continue;

bdbri

border-bottom-right-image:url();

bdbri:n

border-bottom-right-image:none;

bdbri:c

border-bottom-right-image:continue;

bdbli

border-bottom-left-image:url();

bdbli:n

border-bottom-left-image:none;

bdbli:c

border-bottom-left-image:continue;

bdf

border-fit:repeat;

bdf:c

border-fit:clip;

bdf:r

border-fit:repeat;

bdf:sc

border-fit:scale;

bdf:st

border-fit:stretch;

bdf:ow

border-fit:overwrite;

bdf:of

border-fit:overflow;

bdf:sp

border-fit:space;

bdlen

border-length::

bdlen:a

border-length:auto;

bdsp

border-spacing::

bds

border-style::

bds:n

border-style:none;

bds:h

border-style:hidden;

bds:dt

border-style:dotted;

bds:ds

border-style:dashed;

bds:s

border-style:solid;

bds:db

border-style:double;

bds:dt ds

border-style:dot-dash;

bds:dt dt ds

border-style:dot-dot-dash;

bds:w

border-style:wave;

bds:g
border-style:groove;

bds:r
border-style:ridge;

bds:i
border-style:inset;

bds:o
border-style:outset;

bdw
border-width::

bdt, bt
border-top::

bdt+
border-top:1px solid #000;

bdt:n
border-top:none;

bdtw
border-top-width::

bdtS
border-top-style::

bdtS:n
border-top-style:none;

bdtc
border-top-color:#000;

bdtc:t
border-top-color:transparent;

bdr, br
border-right::

bdr+
border-right:1px solid #000;

bdr:n
border-right:none;

bdrw
border-right-width::

bdrst
border-right-style::

bdrst:n
border-right-style:none;

bdrC
border-right-color:#000;

bdrC:t
border-right-color:transparent;

bdb, bb
border-bottom::

17

bdb+
border-bottom:1px solid #000;

bdb:n
border-bottom:none;

bdbw
border-bottom-width::

bdbS
border-bottom-style::

bdbS:n
border-bottom-style:none;

bdbc
border-bottom-color:#000;

bdbc:t
border-bottom-color:transparent;

bdL, bL
border-left::

bdL+
border-left:1px solid #000;

bdL:n
border-left:none;

bdLw
border-left-width::

bdLS
border-left-style::

bdLS:n
border-left-style:none;

bdLc
border-left-color:#000;

bdLc:t
border-left-color:transparent;

bdrS
border-radius::

bdtrrS
border-top-right-radius::

bdtlrs
border-top-left-radius::

bdbrrS
border-bottom-right-radius::

bdblrS
border-bottom-left-radius::

Lists

lis
list-style::

lis:n
list-style:none;

lisp
list-style-position::

lisp:i
list-style-position:inside;

lisp:o
list-style-position:outside;

list
list-style-type::

list:n
list-style-type:none;

list:d
list-style-type:disc;

list:c
list-style-type:circle;

list:s
list-style-type:square;

list:dc
list-style-type:decimal;

list:dclz
list-style-type:decimal-leading-zero;

list:lr
list-style-type:lower-roman;

list:ur
list-style-type:upper-roman;

lisi
list-style-image::

lisi:n
list-style-image:none;

Print

pgbb
page-break-before::

pgbb:au
page-break-before:auto;

pgbb:al
page-break-before:always;

pgbb:l
page-break-before:left;

18

pgbb:r
page-break-before:right;

pgbi
page-break-inside::

pgbi:au
page-break-inside:auto;

pgbi:av
page-break-inside:avoid;

pgba
page-break-after::

pgba:au
page-break-after:auto;

pgba:al
page-break-after:always;

pgba:l
page-break-after:left;

pgba:r
page-break-after:right;

orp
orphans::

wid
widows::

Others

!
!important

@f
@font-face {
font-family::
src:url(|);
}

@f+
@font-face {
font-family: ,FontName';
src: url(,FileName.eot');
src: url(,FileName.eot?#iefix')
format(,embedded-opentype'),
url(,FileName.woff')
format(,woff'),
url(,FileName.ttf')
format(,truetype'),
url(,FileName.
svg#FontName') format(,svg');
font-style: normal;
font-weight: normal;
}

@i, @import

```
@import url();

@kf
  @-webkit-keyframes identifier {
    from { }
    to { }
  }
  @-o-keyframes identifier {
    from { }
    to { }
  }
  @-moz-keyframes identifier {
    from { }
    to { }
  }
  @keyframes identifier {
    from { }
    to { }
  }
}
```

@m, @media

```
@media screen { }

ac
  align-content;;

ac:c
  align-content:center;

ac:fe
  align-content:flex-end;

ac:fs
  align-content:flex-start;

ac:s
  align-content:stretch;

ac:sa
  align-content:space-around;

ac:sb
  align-content:space-between;

ai
  align-items;;

ai:b
  align-items:baseline;

ai:c
  align-items:center;

ai:fe
  align-items:flex-end;

ai:fs
  align-items:flex-start;

ai:s
  align-items:stretch;
```

19

Animation

```
anim
  animation;;

anim-
  animation:name duration timing-
  function delay iteration-count
  direction fill-mode;

animdel
  animation-delay:time;

animdir
  animation-direction:normal;

animdir:a
  animation-direction:alternate;

animdir:ar
  animation-direction:alternate-
  reverse;

animdir:n
  animation-direction:normal;

animdir:r
  animation-direction:reverse;

animdur
  animation-duration:0s;

animfm
  animation-fill-mode:both;

animfm:b
  animation-fill-mode:backwards;

animfm:bt, animfm:bh
  animation-fill-mode:both;

animfm:f
  animation-fill-mode:forwards;

animic
  animation-iteration-count:1;

animic:i
  animation-iteration-count:infinite;

animn
  animation-name:none;

animps
  animation-play-state:running;

animps:p
  animation-play-state:paused;

animps:r
  animation-play-state:running;

animtf
  animation-timing-function:linear;
```

20

animtf:cb

```
animation-timing-function:cubic-
bezier(0.1, 0.7, 1.0, 0.1);
```

animtf:e

```
animation-timing-function:ease;
```

animtf:ei

```
animation-timing-function:ease-in;
```

animtf:eio

```
animation-timing-function:ease-in-
out;
```

animtf:eo

```
animation-timing-function:ease-out;
```

animtf:l

```
animation-timing-function:linear;
```

ap

```
appearance:${none};
```

as

```
align-self;;
```

as:a

```
align-self:auto;
```

as:b

```
align-self:baseline;
```

as:c

```
align-self:center;
```

as:fe

```
align-self:flex-end;
```

as:fs

```
align-self:flex-start;
```

as:s

```
align-self:stretch;
```

bfv

```
backface-visibility;;
```

bfv:h

```
backface-visibility:hidden;
```

bfv:v

```
backface-visibility:visible;
```

bg:ie

```
filter:progid:DXImageTransform.
Microsoft.AlphaImageLoader(src='x.
png',sizingMethod='crop');
```

cm

```
/* ${child} */
```

colm

```
columns;;
```

colmc

```
column-count;;
```

colmf

```
column-fill;;
```

colmg

```
column-gap;;
```

colmr

```
column-rule;;
```

colmrc

```
column-rule-color;;
```

colmrs

```
column-rule-style;;
```

colmrw

```
column-rule-width;;
```

colms

```
column-span;;
```

colmw

```
column-width;;
```

d:ib+

```
display:inline-block;
*display:inline;
*zoom:1;
```

Flex

fx

```
flex;;
```

fxb

```
flex-basis;;
```

fxd

```
flex-direction;;
```

fxd:c

```
flex-direction:column;
```

fxd:cr

```
flex-direction:column-reverse;
```

fxd:r

```
flex-direction:row;
```

fxd:rr

```
flex-direction:row-reverse;
```

fxf

```
flex-flow;;
```

fxg

```
flex-grow;;
```

fxsh

```
flex-shrink;;
```

fxw

```
flex-wrap;;
```

Transform, Transition

fxw:n	flex-wrap:nowrap;
fxw:w	flex-wrap:wrap;
fxw:wr	flex-wrap:wrap-reverse;
jc	justify-content;;
jc:c	justify-content:center;
jc:fe	justify-content:flex-end;
jc:fs	justify-content:flex-start;
jc:sa	justify-content:space-around;
jc:sb	justify-content:space-between;
mar	max-resolution:res;
mir	min-resolution:res;
op+	opacity: ; filter: alpha(opacity=);
op:ie	filter:progid:DXImageTransform. Microsoft.Alpha(Opacity=100);
op:ms	-ms-filter:‘progid:DXImageTransform. Microsoft.Alpha(Opacity=100)’;
ord	order;;
ori	orientation;;
ori:l	orientation:landscape;
ori:p	orientation:portrait;
tov	text-overflow:\${ellipsis};
tov:c	text-overflow:clip;
tov:e	text-overflow:ellipsis;
trf	transform;;
trf:r	transform: rotate(angle);
trf:rx	transform: rotateX(angle);
trf:ry	transform: rotateY(angle);
trf:rz	transform: rotateZ(angle);
trf:sc	transform: scale(x, y);
trf:sc3	transform: scale3d(x, y, z);
trf:scx	transform: scaleX(x);
trf:scy	transform: scaleY(y);
trf:scz	transform: scaleZ(z);
trf:skx	transform: skewX(angle);
trf:sky	transform: skewY(angle);
trf:t	transform: translate(x, y);
trf:t3	transform: translate3d(tx, ty, tz);
trf:tx	transform: translateX(x);
trf:ty	transform: translateY(y);
trf:tz	transform: translateZ(z);
trfo	transform-origin;;
trfs	transform-style:preserve-3d;
trs	transition:prop time;
trsde	transition-delay:time;

XSL

trsd	transition-duration:time;
trsp	transition-property:prop;
trstf	transition-timing-function:tfunc;
us	user-select:\${none};
wfsm	-webkit-font-smoothing:\${antialiased};
wfsm:a	-webkit-font-smoothing:antialiased;
wfsm:n	-webkit-font-smoothing:none;
wfsm:s, wfsm:sa	-webkit-font-smoothing:subpixel-antialiased;
wm	writing-mode:lr-tb;
wm:bt	writing-mode:bt-lr;
wm:btr	writing-mode:bt-rl;
wm:lrb	writing-mode:lr-bt;
wm:lrt	writing-mode:lr-tb;
wm:rlb	writing-mode:rl-bt;
wm:rlt	writing-mode:rl-tb;
wm:tbl	writing-mode:tb-lr;
wm:tbr	writing-mode:tb-rl;
tm	<xsl:template match="" mode=""></xsl:template>
tn	<xsl:template name=""></xsl:template>
call	<xsl:call-template name="" />
ap	<xsl:apply-templates select="" mode="" />
api	<xsl:apply-imports />
imp	<xsl:import href="" />
inc	<xsl:include href="" />
ch	<xsl:choose></xsl:choose>
xsl:when, wh	<xsl:when test=""></xsl:when>
ot	<xsl:otherwise></xsl:otherwise>
if	<xsl:if test=""></xsl:if>
par	<xsl:param name=""></xsl:param>
pare	<xsl:param name="" select="" />
var	<xsl:variable name=""></xsl:variable>
vare	<xsl:variable name="" select="" />
wp	<xsl:with-param name="" select="" />
key	<xsl:key name="" match="" use="" />
elem	<xsl:element name=""></xsl:element>
attr	<xsl:attribute name=""></xsl:attribute>
attrs	<xsl:attribute-set name=""></xsl:attribute-set>
cp	<xsl:copy select="" />

23

HTML DOCTYPES

!, html:5

```

co
  <xsl:copy-of select="" />
val
  <xsl:value-of select="" />
each, for
  <xsl:for-each select=""></xsl:for-each>
tex
  <xsl:text></xsl:text>
com
  <xsl:comment></xsl:comment>
msg
  <xsl:message terminate="no"></xsl:message>
fall
  <xsl:fallback></xsl:fallback>
num
  <xsl:number value="" />
nam
  <namespace-alias stylesheet-prefix=""
    result-prefix="" />
pres
  <xsl:preserve-space elements="" />
strip
  <xsl:strip-space elements="" />
proc
  <xsl:processing-
    instruction name=""></xsl:processing-instruction>
sort
  <xsl:sort select="" order="" />
choose+
  <xsl:choose>
    <xsl:when test=""></xsl:when>
    <xsl:otherwise></xsl:otherwise>
  </xsl:choose>
xsl
  |}
  <?xml version="1.0"
    encoding="UTF-8"?>
  <xsl:stylesheet version="1.0"
    xmlns:xsl="http://www.w3.org/1999/
    XSL/Transform"></xsl:stylesheet>
!!!
  <?xml version="1.0"
    encoding="UTF-8"?>

```

doc

```

<html>
<head>
  <meta charset="UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>

```

doc4

```

<html>
<head>
  <meta http-equiv="Content-Type"
    content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>

```

html:4t

```

<!DOCTYPE HTML PUBLIC "-//W3C//
DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.
dtd">
<html lang="en">
<head>
  <meta http-equiv="Content-Type"
    content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>

```

24

html:4s

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD
HTML 4.01//EN" "http://www.w3.org/
TR/html4/strict.dtd">
<html lang="en">
<head>
  <meta http-equiv="Content-Type"
    content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>

```

html:xt

```

<!DOCTYPE html PUBLIC "-//W3C//
DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/
xhtml1-transitional.dtd">
<html xmlns="http://www.
w3.org/1999/xhtml" xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
    content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>

```

html:xs

```

<!DOCTYPE html PUBLIC "-//W3C//DTD
XHTML 1.0 Strict//EN" "http://www.
w3.org/TR/xhtml1/DTD/xhtml1-strict.
dtd">
<html xmlns="http://www.
w3.org/1999/xhtml" xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
    content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>

```

html:xss

```

<!DOCTYPE html PUBLIC "-//W3C//DTD
XHTML 1.1//EN" "http://www.w3.org/
TR/xhtml11/DTD/xhtml11.dtd">
<html xmlns="http://www.
w3.org/1999/xhtml" xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
    content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>

```

!!!

```

<!DOCTYPE html>

```

!!!4t

```

<!DOCTYPE HTML PUBLIC "-//W3C//
DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.
dtd">

```

!!!4s

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD
HTML 4.01//EN" "http://www.w3.org/
TR/html4/strict.dtd">

```

!!!xt

```

<!DOCTYPE html PUBLIC "-//W3C//
DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/
xhtml1-transitional.dtd">

```

!!!xs

```

<!DOCTYPE html PUBLIC "-//W3C//DTD
XHTML 1.0 Strict//EN" "http://www.
w3.org/TR/xhtml1/DTD/xhtml1-strict.
dtd">

```

!!!xss

```

<!DOCTYPE html PUBLIC "-//W3C//DTD
XHTML 1.1//EN" "http://www.w3.org/
TR/xhtml11/DTD/xhtml11.dtd">

```