Cascading Style Sheets

* Language used to specify the presentation aspects (i.e. layout and formatting of structurally marked up (e.g. HTML, XML, XHTML, SVG, ETC.) document.
* Developed by *Hakon Wium Lie* (HTML Cascading Style Sheets / CHSS) and *Bert Boss* (Stream-based Style Sheet Proposal / SSP)
* Versions:
* CSS 1, CSS 2, CSS 2.1, CSS 3 (structural semantic markup / modularizes CSS 2.1)
* CSS Rules ccs rule sets
* Selectors
* Universal selector

\*{

}

* Type

p{

}

* Grouping

h1 , h2 , h3{

}

* ID

#nav{

}

* Class

.hide{

}

* Descendant

div.content em{

}

* Child

div.content > em{

}

* Adjacent sibling

h1 + p{

}

* Attribute acronym

div[class=note] {

}

* Pseudo classes
* First child pseudo class (:first-child)

li:first-child{

}

* Link pseudo class (:link, :visited)

a:link, a:visited{

}

* Dynamic pseudo class (:hover, :active, :focus)

ul.menu > li {

}

ul.menu > li:hover{

}

* Declaration Block
* Properties
* Visual, aural, paged, interactive
* Margins, borders, and padding
* Colors and background
* Fonts
* Text formatting
* Lists and tables
* Positioning and dimensions
* Miscellaneous
* Values
* Keywords
* C
* Length
  + - * + Length units: em ex px in an mm pt cc

relative absolute

* Percentages
* Colors
* Strings
* URLs
* Counters
* Initial values, inherited values, limportant rules
* Specified, computed, used, and actual
* By origin and mportance
* User important declarations
* Author important declarations
* Author normal declarations
* By specificity
* Inline styles (1) or not (0)
* Number of ID attributes in selector
* Number of element names and pseudo-elements in selector
* By order
* CSS comment /\* \*/