**CSS (CASCADING STYLE SHEETS)**

CSS (Cascading Style Sheets) is a language that describes the style of an HTML document or used to specify the presentation aspects.

Developers: Hakon Wium Lie = HTML Cascading Style Sheets

Bert Boss = Stream-based Style Sheet Proposal

**SELECTOR**

Declares which part of the markup a style applies to by matching tags and attributes in the markup itself.

**Applications:**

All elements of a specific type

Elements specified by attribute

id = identifier that is unique within the document

class = identifier that can annotate multiple elements

**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**

A declaration block consists of a list of declarations in braces. Each declaration itself consists of a property, a colon (:), and a value. If there are multiple declarations in a block, a semi-colon (;) must be inserted to separate each declaration.

**Properties:**

Visual, aural, paged, interactive

Margins, borders, and padding

Colors and background

Fonts

Text formatting

Lists and tables

Positioning and dimensions

Miscellaneous

**VALUES:**

Keywords

Numbers

Length

Percentages

Colors

Strings

URLs

Counters

Initial values, inherited values, !important rules

Specified, computed, used, and actual values

By origin and importance

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 other attributes and pseudo-classes in selector

Number of element names and pseudo-elements in selector

By order

**References:**

[**https://en.wikipedia.org/wiki/Cascading\_Style\_Sheets#Selector**](https://en.wikipedia.org/wiki/Cascading_Style_Sheets#Selector)

[**https://www.w3schools.com/css/**](https://www.w3schools.com/css/)