

Cascading Style Sheets (CSS)

Level 0

- Introduction
- CSS syntax

```
selector { Property: value; }
```

- CSS Comment
- Selector
 - Class Selector
 - ID Sector
 - Element Selector

Level 1

- Universal Selector
- Group Selector
- Attribute Selector
- Pseudo Class Selector
- Pseudo Element Selector

Level 2

- CSS Color
 - Color Name
 - RGB Format
 - RGBA Format
 - Hexa Decimal Notation
 - HSL (Huge, Saturation and Lightness)

- **Hue:** Hue is the degree of color wheel, its value lies between 0 to 360 where 0 represent red , 120 represent green and 240 represent blue color
- **Saturation:** it takes a percentage value, where 100% represents completely saturated , while 0% represents completely unsaturated (gray)
- **Lightness:** it takes percentage value , where 100% represent white, while 0% represent black
- Syntax `h1{ color: hsl(H, S, L) }`
- HSLA

Level 3

- Border
- Margin
- Height Width
- Links
- List
- Tables

Level 4

- Display properties
- Max width property
- Min width Property
- Overflow

Level 5

- Position
 - Static
 - Absolute
 - Relative
 - Fixed
 - Sticky
- Z-index

Level 6

- CSS Layouts
 - Flex
 - Grid

Level 7

- CSS Animation