






CSS

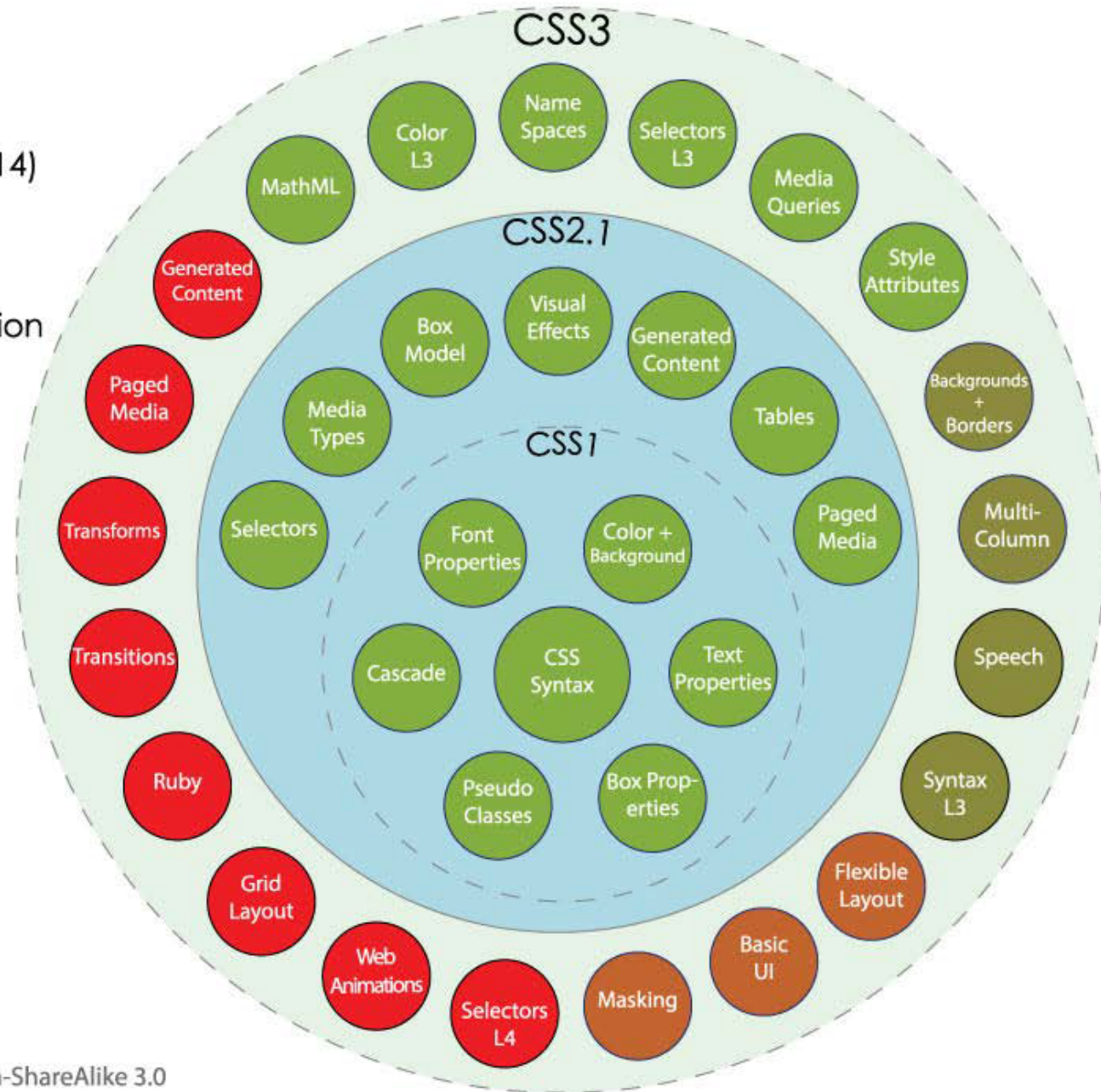
RESPONSIVE WEB

CIM 111


CSS3

Taxonomy & Status (October 2014)

-  W3C Recommendation
-  Candidate Recommendation
-  Last Call
-  Working Draft
-  Obsolete or inactive



What is responsive web?

- An approach to web design aimed at crafting sites to provide an optimal viewing and interaction experience—easy reading and navigation with a minimum of resizing, panning, and scrolling—across a wide range of devices (from desktop computer monitors to mobile phones).
- 

@media

- **Media queries** allow the page to use different CSS style rules based on characteristics of the device the site is being displayed on, most commonly the width of the browser



More Info Important!

- <https://www.smashingmagazine.com/2011/01/guidelines-for-responsive-web-design/>
-

@media Construct

RULE MEDIA TYPE and (MEDIA FEATURE)

```
@media screen and (max-width: 600px) {  
p { color: red; }  
}
```

Media type

- all - Used for all media type devices
 - print - Used for printers
 - screen - Used for computer screens, tablets, smart-phones etc.
 - speech - Used for screen readers that "reads" the page out loud
-

Understanding Media Features

- Common Media Features
 - max-width - Sets CSS for media smaller than a number
 - min-width - Sets CSS for media bigger than a number
 - You decide max-width & min-width based on pixel dimensions
 - <http://www.sitepoint.com/media-queries-look-different-media-features/>
-