@media type-of-device (conditions)

note: type-of-device and conditions is not the proper vocabulary

type of device

screen – desktop, phone, tablet

speech – speech reader(no clue what this is, who cares)

print – what you get when you ctrl-p a webpage

all – refers to all of screen, speech, or print, (default if left out)

condition

(min-width: 500px) – when width >=500px

(max-width: 500px) – when width <=500px

(orientation: landscape) – when width > height

(orientation: portrait) – when width < height

you can have multiple conditions

use keyword ‘and’ to mean and

use ‘,’ to mean or

@media (orientation: landscape) and (max-width: 500px){ //uses and

}

@media (orientation: landscape) ,(max-width: 500px){ //uses or

}

if the device being used is the type-of-device and all the conditions are true, then it will run the css code inside the media query

Example 1:

in the below example, if the screen width is less than or equal to 500 px, then then the background color will be blue. Otherwise, it will be red.

body{

background-color: red;

}

@media all and (max-width: 500px){ // same as @media (max-width: 500px)

body{

background-color: blue;

}

}

Example 2:

in the below example, the background color will always be red since css reads from top to bottom and whether or not the css in the media query is ran, it will be overridden by the css in the body.

@media all and (max-width: 500px){ // same as @media (max-width: 500px)

body{

background-color: blue;

}

}

body{

background-color: red;

}