

CM1040 Web Development Week 8 Lecture Note

Notebook: Web Development

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Cornell Notes	Topic: Introduction to CSS continued	Course: BSc Computer Science
		Class: Web Development CM1040[Lecture]
		Date: November 02, 2020
Essential Question:		
What is color within CSS?		
Questions/Cues:		
<ul style="list-style-type: none">• What is the purpose of colour in web pages?• What is RGB colour?• How are the colours defined?		
Notes		
<ul style="list-style-type: none">• Colour = breaks up the text or page structure to help to focus the reader's attention. Secondly, different colours mean different things or convey mood<ul style="list-style-type: none">◦ Many html elements can be coloured including fonts, objects, backgrounds, borders, tables and column lines• RGB colour = is defined as a combination of shades of red, green and blue. Depending on the lightness or darkness of red, green and blue being mixed in the colour, any shade of any colour can be specified. In practice for webpages, colors are mixed from one of 256 shades of red, one of 256 shades of green, and one of 256 shades of blue. This method provides a colour palette of close to 17 million colors.• Colours (defined) = three decimal values between 0-255 or the hexadecimal equivalent from 00 to FF<ul style="list-style-type: none">◦ When defining we can select the object on which the color is to be defined to be opaque, transparent or partially opaque. This is specified by adding a additional number between 0 and 1 after the RGB value called the alpha value.◦ Visually this looks like this : <code>rgba(200, 150, 0, 0.5);</code>◦ The HSL defines a colour as a hue with color values ranging from 0-360, often represented as a colour wheel then a saturation and lightness value added to specify how strong and light the color is. Visually, this looks like this: <code>hsl(0%, 0%, 0%);</code>		
Summary		
In this week, we learned about the purpose of color, what RGB color is, and how color is		

defined via RGB and HSL.