QGIS Application - Feature request #21945
Add support for more color blindness types to Preview Modes

2019-04-26 06:30 PM - Brett Carlock

Status:	Open		
Priority:	Normal		
Assignee:			
Category:	Map Canvas		
Pull Request or Patch supplied:	No	**Resolution:**	
Easy fix?:	No	**Copied to github as #:**	29760

Description

It'd be great to be able to simulate/view more types of color blindness. As I learn more about it, the more I want to be able to design with accessibility for this in mind, especially since I do not suffer from any color deficiency, I find it hard to understand and visualize how I can best design with this in mind. The current Preview modes help, but I would like to see them go further.

https://en.wikipedia.org/wiki/Color_blindness#Types

Currently QGIS supports:
Protanopia
Deuteranopia

I'd like to see these added:
Protanomaly
Deuteranomaly
Tritanopia
Tritanomaly
Achromatopsia

I've attached an image from the above-linked Wiki page that shows color scales which indicate how each deficiency skews perception of color.

Files

Color_blindness.png	25.4 KB	2019-04-26	Brett Carlock