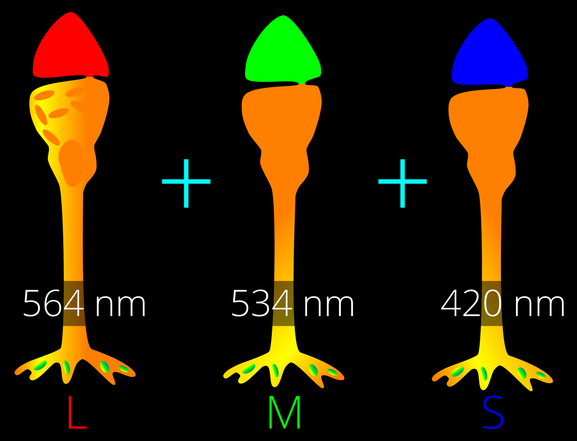
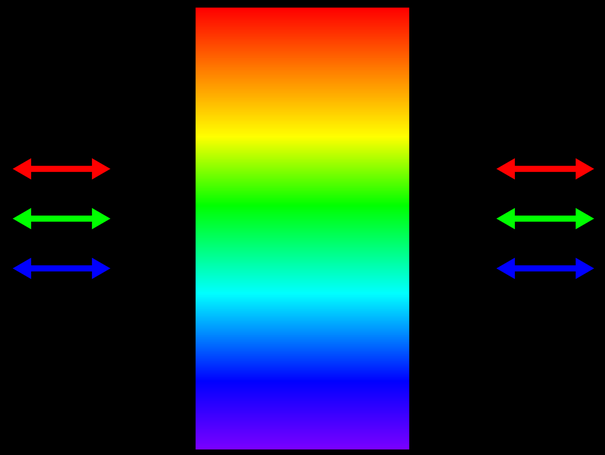
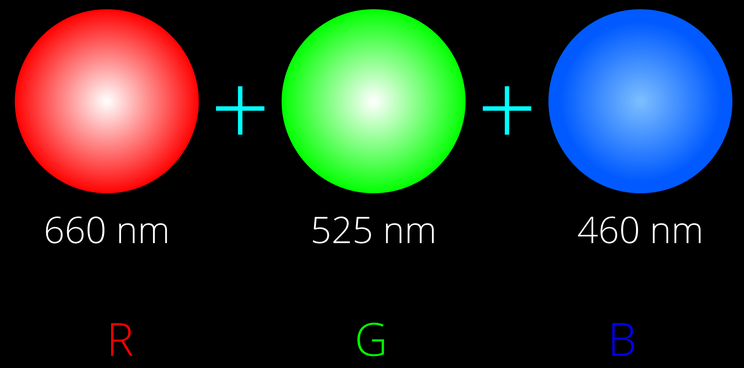
HUMAN EYE & RGB COLOUR



Colour vision



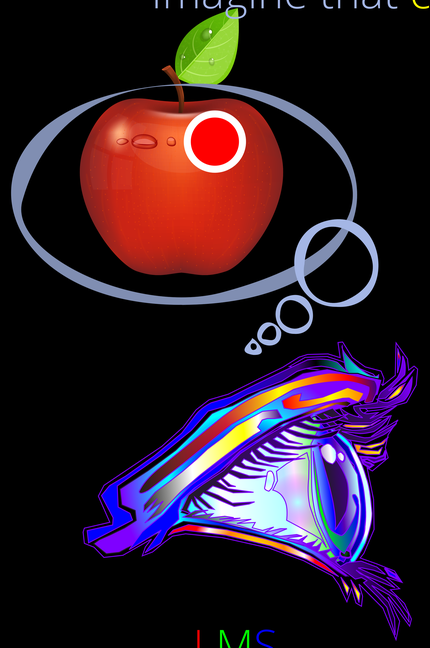
Visible spectrum



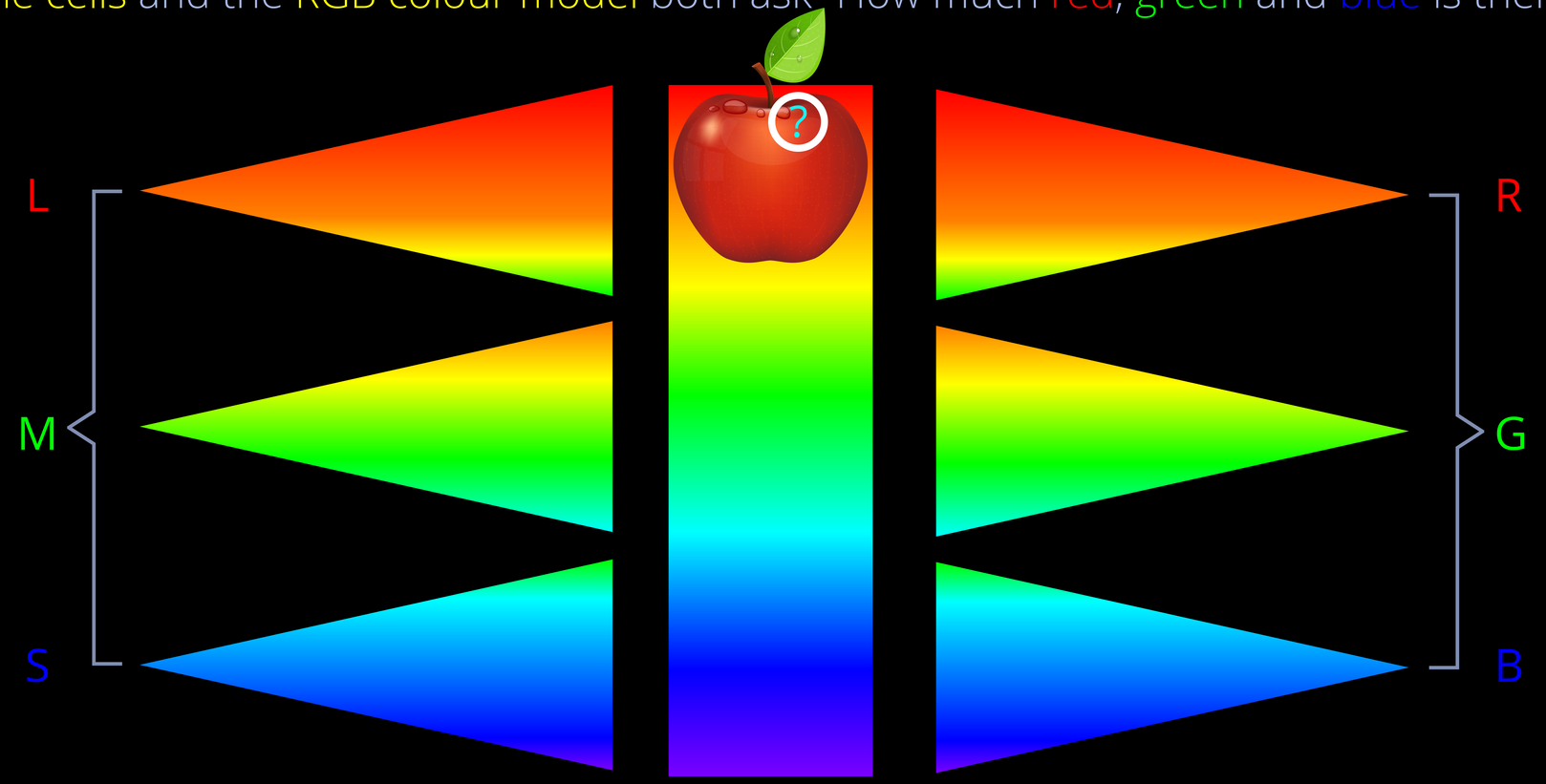
RGB colour model

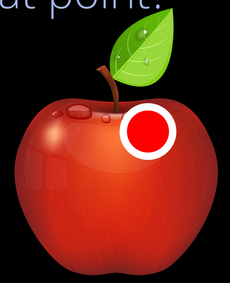
Colour vision results from the peak response of L, M and S cone cells to red , green and blue light.
The RGB colour model also produces colours from mixtures of red, green and blue light.

Imagine that cone cells and the RGB colour model both ask “How much red, green and blue is there at that point?”



LMS
Colour vision





255, 0, 0
#FF0000

RGB
Colour value