

Crown 85 Report
Color Blindness Heredity Report

This report concerns the heredity of congenital color blindness by X-linked recessive transmission and monochromacy .

- a. Describe the parent-child heredity pattern for X-linked recessive color blindness
- b. What are the relative numbers of men vs women who are color blind?

Colour (color) blindness (colour vision deficiency, or CVD) affects approximately 1 in 12 men (**8%**) and 1 in 200 women in the world. In Britain this means that there are approximately 2.7 million colour blind people (**about 4.5%** of the entire population), most of whom are male.

Colour Blind Awareness

- c. Describe blue cone and rod monochromacy (consider whether you would like to include the video in <http://www.achromatopsia.info/blue-cone-monochromatism/> in your class report--- if so we will allow sufficient time)

WWW sites: [The Biology of Red-Green Color Blindness](#)
[Monochromacy- Complete Color Blindness](#)

STUDENT SHOULD MAKE APPOINTMENT WITH PROF. SWITKES TO DISCUSS REPORT