**COMPLEMENTARY COLORS**

- Mixing complementary colors of light produces white light. Complementary colors are opposite sides of the color wheel.

  - Red + Cyan = White
  - Green + Magenta = White
  - Blue + Yellow = White

  \[ R + C = W \]
  \[ B + Y = W \]
  \[ G + M = W \]

- Mixing complementary colors of ink or paint produces black. Complementary colors are on opposite sides of the color wheel.

  - Red + Cyan = Black
  - Green + Magenta = Black
  - Blue + Yellow = Black

  \[ (R + G) – B = K \]
  \[ (G + B) – R = K \]
  \[ (B + R) – G = K \]