

**Affix Meanings**

<b>-chrome</b>	color
<b>bio-</b>	living things
<b>mono-</b>	one
<b>poly-</b>	many
<b>chloro-</b>	green
<b>chryso-</b>	gold
<b>cyano-</b>	blue
<b>erythro-</b>	red
<b>leuco-, leuko-</b>	white
<b>melan-</b>	black
<b>rhodo-</b>	rose-colored
<b>xantho-</b>	yellow

*An affix is a part of a word that has a specific meaning.*

**What's It Mean?**

**Use the affixes to match each word to its definition.**

Example: leukoderma white patches on the skin

\_\_\_\_\_ fear of your cheeks turning red

\_\_\_\_\_ blue bacteria that live in water

\_\_\_\_\_ plant with gold-colored flowers

\_\_\_\_\_ plant with rose-colored flowers

\_\_\_\_\_ cells that contain yellow pigment

\_\_\_\_\_ pigments that give living things their colors

\_\_\_\_\_ pigment that makes hair look dark brown or black

\_\_\_\_\_ plant parts that contain green pigment

**WORD BANK**

biochromes  
chloroplasts  
chrysanthemum  
cyanobacteria  
erythrophobia  
~~leukoderma~~  
melanin  
rhododendron  
xanthophores



## Sort It Out

Use the affixes to explore different color words.

Label each picture as **monochrome (M)** or **polychrome (P)**.



example: **M**

Label each plant as having lots of **chlorophyll (C)** or **xanthophyll (X)**.



example: **X**

What is the name of the gemstones in this ring? Circle the correct name.



chrysolite OR rhodolite

Each word is a type of cell or disease with a color in its name. Draw a line to match each word to its description.

example:

leukoma  
leukocyte  
erythrocyte  
xanthoma

red blood cell  
white blood cell  
white spots on the eye  
yellow spots on the skin

A **chromatophore** is a cell that contains a colored pigment.

Draw a line to match each animal to the type of chromatophore it has most.



cyanophores  
erythrophores  
melanophores  
xanthophores

example:



## Affix Expert

Look around you. Use the affixes in this list to rename some of the objects you see.



## Word Builders

# Colors

### Answer Key

#### What's It Mean?

*erythrophobia* – fear of your cheeks turning red

*cyanobacteria* – blue bacteria that live in water

*chrysanthemum* – plant with gold-colored flowers

*rhododendron* – plant with rose-colored flowers

*biochromes* – pigments that give living things their colors

*melanin* – pigment that makes hair look dark brown or black

*chloroplasts* – plant parts that contain green pigment

*xanthophores* – cells that contain yellow pigment

#### Sort It Out

*monochrome (M)* –black trees, orange sky

*polychrome (P)* – multicolored balloons, multicolored bird, multicolored rocks

*chlorophyll (C)* – green leaf, green beans, underwater kelp

*xanthophyll (X)* – yellow squash, yellow peaches

The gemstones are *rhodolite*.

leukocyte – *white blood cell*

erythrocyte – *red blood cell*

xanthoma – *yellow spots on the skin*

black salamander – *melanophores*

red fish – *erythrophores*

yellow crab – *xanthophores*