

TRICHROMATIC

Meaning: Trichromatic refers to the ability to perceive colors through the combination of three primary wavelengths of light.

1. The trichromatic theory of color vision explains how humans perceive a wide range of colors through the combination of three primary wavelengths.
2. Many species, such as certain birds and insects, are trichromatic, allowing them to see colors that are invisible to humans.
3. In the field of optics, trichromatic displays are designed to reproduce colors accurately by using red, green, and blue light.
4. The artist employed a trichromatic palette in her painting to create vibrant contrasts and depth.
5. Scientists are studying how trichromatic vision impacts the behavior and survival of various animal species in their natural habitats.

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