

METAMERISM

Meaning: Metamerism is the phenomenon where two colors look the same under specific lighting conditions despite being made up of different wavelengths of light.

1. Metamerism is a phenomenon that occurs when two colors appear identical under certain lighting conditions but are actually composed of different wavelengths.
2. In the field of art, understanding metamerism can help artists choose paints that will maintain their intended appearance under various lighting.
3. Designers must account for metamerism when selecting materials, as the colors can change dramatically depending on the light source.
4. The study of metamerism has significant implications in industries like textiles and printing, where color accuracy is crucial.
5. Researchers are exploring how metamerism affects color perception in everyday life, influencing everything from fashion choices to interior design.

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