

# Color-Gloss

## Principle

Determination of Color and Gloss of samples.

The color properties of a white or nearly colorless sample are represented by whiteness index (WI) or yellowness index (YI).

APHA color is a color scale sometimes referred to as a "yellowness index" that is used to assess the quality of liquids that are clear to yellowish in color.

Samples are solid plates, films, pellets, powder and fluids.

## Capabilities

- Standard Practice for Computing the Colors of Objects by Using the CIE System (ASTM E 308 )
- Calculating Yellowness and Whiteness Indices from Instrumentally Measured Color Coordinates (ASTM E 313 )
- Standard Test Method for Color Determination of Plastic Pellets (ASTM 6290)
- YI of plastics (ASTM D 1925 )
- Standard Practice for Conditioning Plastics for Testing (ASTM D618)
- APHA color via internal colorimetric method. Color scale along Standard Test Method for Color of Clear Liquids (Platinum-Cobalt Scale) (ASTM D1209)

## Assets

	Asset	Details
	<b>BYK Gardner ColorView</b>	color, reflectance
	<b>BYK Gardner SpectroGuide</b>	color, reflectance/gloss
	<b>Xrite Ci7800</b>	color, reflectance and transmittance

[back to Rheology and Physical Lab Home](#)