

Color measurement methods for brewing

	Wort Color	Beer Color
USA	Lovibond value ($^{\circ}\text{L}$)	SRM
Europe	EBC	EBC
Correlation equation	$\text{EBC}=(^{\circ}\text{L}\times 2.65)-1.2$	$\text{EBC}=2\times\text{SRM}$

SRM: Standard Reference Method

EBC: European Brewery Convention

Lovibond Tintometer

A color meter utilizing the subtractive color principle, in which the color of a liquid or object is expressed as a combination of three primary colors. While viewing the test subject, the respective strengths of the three primary colors (cyan, magenta, and yellow) are varied using a series of slides for each respective primary color or by using wedge-shaped slides with gradually increasing thickness until a visual match to the subject color is achieved. The generated color is expressed using the selected combination of slides, or by markings at equal visual increments on the wedges. In other words, it is a color meter where slides in three colors are compared to the test subject.