Designing With Light Chapter 8 Print front and back and cut along the lines for quick and easy flashcards!	Apparent Color
Blackbody Radiator	Chroma
Chromatic Adaptation	Chromaticity
Color Constancy	Color Rendering Index

The perceived color of an object resulting from the color content of the light source, the object's reflectivity and the eye's adaptation to the illuminated environment.	
The saturation or purity of a color	An idealized object that is a perfect absorber of all energy that strikes its surface, and that is an ideal emitter of energy whose spectral power distribution curve is based on its temperature.
Refers to the color of a light source independent of its brightness.	The visual system's process of adjusting perceived color based on target and surround colors.
A measurement of the effect of a light source on the color appearance of an object compared to its color appearance under a reference light source. The evaluation is abased on eight color samples, but is calculated mathematically, not visually. Expressed on a scale of 0 to 100, where 100 indicates no color shift. A low CRI rating suggests that the colors of objects will appear unnatural under that particular light source.	The perception of objects as having the same color under differing lighting conditions

Color Rendering	Color Temperature
Correlated Color Temperature	Hue
Metamers	Binning

A numerical indication of the warmth or coolness of white light. Specifically, it is the absolute temperature of a blackbody radiator having a chromaticity equal to that of the lighting source, expressed in kelvin. Strictly speaking, this applies only to incandescent light sources.	A measurement of the effect of a light source on the color appearance of an object compared to its color appearance under a reference light source. The evaluation is abased on eight color samples, but is calculated mathematically, not visually. Expressed on a scale of 0 to 100, where 100 indicates no color shift. A low CRI rating suggests that the colors of objects will appear unnatural under that particular light source.
The general color attribute of red, blue, yellow, green etc.	CCT describes the color temperature of non-incandescent light sources.
The sorting of LEDs by their color or color properties.	Two or more light sources of the same color but having different spectral power distribution curves.