



CIE 1976 UCS CHROMATICITY DIAGRAM

The CIE 1976 Uniform Color System characterizes colors using two color coordinate numbers, v' and u' , plus a luminance value. The color coordinate numbers are shown by placement on this chromaticity diagram. The luminance value is shown on a separate lightness scale from black (0) to white (10).

This 1976 UCS diagram is based upon the 1931 chromaticity diagram. The difference is one of scaling. The numerical differences between colors here are more like visual perceptions. The color data noted on this diagram will be of spectral reflectance of the object measured as referenced to a standard white. Verification of color measurements needs to be made by the use of color standards.