

**CIE colourimetry with normalization to  $Y=100$ ,  $C=Y_W : Y_N = \infty$**   
 Equations for Yellow (J), Blue (B), White (W), Grey (U), Black (N):  
**Tristimulus value**

$$Y_J + Y_B = 72 + 28 = 100 \quad [1]$$

Chromatic value

$$|C_{AB,2,J}| = |C_{AB,2,B}| = 66 \quad [2]$$

Contrast

$$C = Y_W : Y_N = 100 : 0 = \infty \quad [3]$$

Chromaticity difference

$$c_{AB,2,J} = C_{AB,2,J} / Y_J \quad [4]$$

$$c_{AB,2,B} = C_{AB,2,B} / Y_B \quad [5]$$

