

$XYZ_W = 86.78, 90.0, 74.24$

$A_1 = 2,5 C_c (a_1 - a_{1,n}) Y$

$B_1 = 2,5 C_c B_c (b_1 - b_{1,n}) Y$

$a_1 = a_{20} [(x - x_c)/y]$

$b_1 = b_{20} [z/y]$

$a_{20} = 1, b_{20} = -0,4$

$x_c = 0,110, B_c = 1,000$

$C_c = 1,000, n = D50$

$C_{AB,1} = [A_1^2 + B_1^2]^{1/2}$

Name and spectral range

R_m 570_770 Y_m 520_770

G_m 470_570 C_m 380_570

B_m 380_520 M_m 570_470

6 optimal colours (o), $Y_{W,10} = 90, Y_{N,10} = 3,6$

6 of maximum (m) C_{AB} for D50

in chromatic value diagram (A_1, B_1)

Parameter: N

$D50, C_r = 25:1$

$\Delta h_{A1B1} = 6$

