

$XYZ_W = 90.83, 90.0, 58.22$

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

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

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

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

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

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

$n = P40$

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

Name and spectral range

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

G_o 520_570 M_o 570_520

10 optimal colours (o), $Y_W = 90, Y_N = 3,6$

8 of maximum (m) C_{AB} for P40

in chromatic value diagram (A_1, B_1)

