

$XYZ_W = 115.18, 100.0, 26.59$

$A_1 = 2.5 (a_1 - a_{1,n}) Y$

$B_1 = 2.5 B_c (b_1 - b_{1,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.000$

$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. P25, $Y_W = 100, Y_N = 25$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	582_775	91.03	56.79	6.7	0.589	0.3675	608	502
Y_d	506_775	112.2996	85	7.84	0.5175	0.4463	583	478
G_d	506_582	50.16	65.15	7.81	0.4073	0.5291	552	552c
C_d	380_582	53.08	68.32	26.57	0.3587	0.4617	502	608
B_d	380_506	31.83	28.27	25.43	0.3721	0.3305	478	583
M_d	582_506	93.95	59.97	25.45	0.5237	0.3343	552c	552
W_d	380_775	115.18	100.0	26.59	0.4764	0.4136	100%	
N_d	380_775	28.79	25.0	6.64	0.4764	0.4136	25%	
Z_d	380_775	20.73	18.0	4.78	0.4764	0.4136	18%	

Parameter:

Y & Name

Illuminant P25

$Y_W = 100, Y_N = 25$

