

$XYZ_W = 115.18, 100.0, 26.59$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in
chromatic value diagram (A, B)¹⁰⁰

Illumin. P25, $Y_W = 100, Y_N = 50$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	582_775	99.12	71.23	13.34	0.5396	0.3877	608	502
Y_d	506_775	113.2997	93	14.1	0.5027	0.4346	583	478
G_d	506_582	71.87	76.8	14.08	0.4415	0.4718	552	552c
C_d	380_582	73.82	78.91	26.59	0.4116	0.44	502	608
B_d	380_506	59.65	52.21	25.82	0.4332	0.3791	478	583
M_d	582_506	101.0773	34	25.84	0.5046	0.3662	552c	552
W_d	380_775	115.18100	0	26.59	0.4764	0.4136	100%	
N_d	380_775	57.59	50.0	13.29	0.4764	0.4136	50%	
Z_d	380_775	20.73	18.0	4.78	0.4764	0.4136	18%	

Parameter:

Y & Name

Illuminant P25

$Y_W = 100, Y_N = 50$

