

$XYZ_W = 109.84, 99.99, 35.58$

$A = 2.5 (a - a_n) Y$

$B = 2.5 B_c (b - b_n) Y$

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

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

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

$x_c = 0.000, B_c = 1.000$

$C_{AB} = [A^2 + B^2]^{1/2}$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. A00, $Y_W = 100, Y_N = 25$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	579_775	87.42	57.32	8.96	0.5687	0.3729	605	499
Y_d	504_775	105.84	97.01	10.68	0.4956	0.4543	581	474
G_d	504_579	45.99	64.78	10.65	0.3787	0.5335	547	547c
C_d	380_579	50.02	67.79	35.56	0.3261	0.442	499	605
B_d	380_504	31.6	28.11	33.84	0.3377	0.3004	474	581
M_d	579_504	91.45	60.34	33.87	0.4925	0.3249	547c	547
W_d	380_775	109.84	99.99	35.58	0.4475	0.4074	100%	
N_d	380_775	27.46	24.99	8.89	0.4475	0.4074	25%	
Z_d	380_775	19.77	17.99	6.4	0.4475	0.4074	18%	

Parameter:

Y & Name

Illuminant A00

$Y_W = 100, Y_N = 25$

