

$XYZ_W = 109.84, 99.99, 35.58$

$A = 2.5 (a - a_n) Y$

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

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

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

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

$x_c = 0.000, B_c = 1.000$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. A00, $Y_W = 100, Y_N = 10$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	579_775	82.91	48.77	3.63	0.6127	0.3604	605	499
Y_d	504_775	105.02	96.39	5.69	0.507	0.4654	581	474
G_d	504_579	33.2	57.71	5.65	0.3437	0.5976	547	547c
C_d	380_579	38.03	61.33	35.54	0.2819	0.4545	499	605
B_d	380_504	15.93	13.71	33.48	0.2523	0.2172	474	581
M_d	579_504	87.75	52.39	33.52	0.5052	0.3016	547c	547
W_d	380_775	109.84	99.99	35.58	0.4475	0.4074	100%	
N_d	380_775	10.98	9.99	3.55	0.4475	0.4074	10%	
Z_d	380_775	19.77	17.99	6.4	0.4475	0.4074	18%	

Parameter:

Y & Name

Illuminant A00

$Y_W = 100, Y_N = 10$

