

$XYZ_w = 109.84, 99.99, 35.58$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. A00, $Y_w = 100, Y_N = 4$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	579_775	81.11	45.35	1.49	0.6338	0.3544	605	499
Y_d	504_775	104.69	96.14	3.69	0.5118	0.47	581	474
G_d	504_579	28.08	54.89	3.66	0.3241	0.6335	547	547c
C_d	380_579	33.24	58.75	35.54	0.2606	0.4606	499	605
B_d	380_504	9.66	7.95	33.34	0.1896	0.1561	474	581
M_d	579_504	86.27	49.2	33.38	0.5108	0.2914	547c	547
W_d	380_775	109.84	99.99	35.58	0.4475	0.4074	100%	
N_d	380_775	4.39	3.99	1.42	0.4475	0.4074	4%	
Z_d	380_775	19.77	17.99	6.4	0.4475	0.4074	18%	

Parameter:

Y & Name

Illuminant A00

$Y_w = 100, Y_N = 4$

