

$XYZ_w = 109.84, 99.99, 35.58$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. A00, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	579_775	79.94	43.12	0.11	0.6489	0.3501	605	499
Y _d	504_775	104.48	95.98	2.4	0.515	0.4731	581	474
G _d	504_579	24.75	53.05	2.36	0.3087	0.6617	547	547c
C _d	380_579	30.12	57.07	35.54	0.2454	0.4649	499	605
B _d	380_504	5.58	4.21	33.25	0.1297	0.0978	474	581
M _d	579_504	85.31	47.14	33.29	0.5147	0.2844	547c	547
W _d	380_775	109.84	99.99	35.58	0.4475	0.4074	100%	
N _d	380_775	0.1	0.09	0.03	0.4473	0.4072	0%	
Z _d	380_775	19.77	17.99	6.4	0.4475	0.4074	18%	

Parameter:

Y & Name

Illuminant A00

$Y_w = 100, Y_N = 0$

