

$XYZ_w = 100.0, 100.0, 100.0$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

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

Illumin. E00, $Y_w = 100, Y_N = 4$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	$61C_{cd}$
R_d	570_775	66.87	42.82	4.14	0.5874	0.3761	598	489
Y_d	494_775	84.04	95.02	9.85	0.4448	0.5029	573	463
G_d	494_570	21.27	56.3	9.81	0.2434	0.6442	536	536c
C_d	380_570	37.23	61.28	99.95	0.1875	0.3087	489	598
B_d	380_494	20.05	9.07	94.24	0.1625	0.0735	463	573
M_d	570_494	82.83	47.79	94.29	0.3682	0.2125	536c	536
W_d	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N_d	380_775	4.0	4.0	4.0	0.3333	0.3333	4%	
Z_d	380_775	18.0	18.0	18.0	0.3333	0.3333	18%	

Parameter:

Y & Name

Illuminant E00

$Y_w = 100, Y_N = 4$

