

$XYZ_W=100.0, 100.0, 100.0$

$A = 2,5 (a - a_n) Y$

$B = 2,5 B_c (b - b_n) Y$

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

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

$a_{20} = 1, b_{20} = -0,4$

$x_c = 0,000, B_c = 1,000$

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

6 Ostwald colours (o)

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

Illumin. E00, $Y_W=100, Y_N=50$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570_775	82.79	70.26	50.12	0.4074	0.3458	598	489
Y_d	494_775	91.73	97.45	53.1	0.3786	0.4022	573	463
G_d	494_570	59.04	77.29	53.07	0.3117	0.408	536	536c
C_d	380_570	67.35	79.88	100.02	0.2724	0.323	489	598
B_d	380_494	58.41	52.69	97.05	0.2806	0.2531	463	573
M_d	570_494	91.1	72.85	97.07	0.349	0.2791	536c	536
W_d	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N_d	380_775	50.0	50.0	50.0	0.3333	0.3333	50%	
Z_d	380_775	18.0	18.0	18.0	0.3333	0.3333	18%	

Parameter:

Y & Name

Illuminant E00

$Y_W=100, Y_N=50$

