

$XYZ_w = 97.93, 100.0, 118.95$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. Q00, $Y_w = 100, Y_n = 25$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567_775	70.27	54.26	29.89	0.455	0.3513	596	487
Y_d	492_775	82.98	95.79	35.09	0.388	0.4479	570	462
G_d	492_567	37.29	66.63	35.05	0.2683	0.4794	535	535c
C_d	380_567	52.26	70.86	118.94	0.2159	0.2927	487	596
B_d	380_492	39.55	29.32	113.74	0.2165	0.1605	462	570
M_d	567_492	85.24	58.49	113.78	0.331	0.2271	535c	535
W_d	380_775	97.93	100.0	118.95	0.309	0.3155	100%	
N_d	380_775	24.48	25.0	29.73	0.309	0.3155	25%	
Z_d	380_775	17.62	18.0	21.41	0.309	0.3155	18%	

Parameter:

Y & Name

Illuminant Q00

$Y_w = 100, Y_n = 25$

