

$XYZ_w = 97.93, 100.0, 118.95$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. Q00, $Y_w = 100, Y_n = 50$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	567_775	79.52	69.54	59.62	0.381	0.3332	596	487
Y _d	492_775	87.99	97.23	63.08	0.3543	0.3915	570	462
G _d	492_567	57.54	77.78	63.06	0.29	0.392	535	535c
C _d	380_567	67.52	80.6	118.98	0.2527	0.3017	487	596
B _d	380_492	59.04	52.91	115.52	0.2595	0.2326	462	570
M _d	567_492	89.5	72.36	115.54	0.3226	0.2608	535c	535
W _d	380_775	97.93	100.0	118.95	0.309	0.3155	100%	
N _d	380_775	48.96	50.0	59.47	0.309	0.3155	50%	
Z _d	380_775	17.62	18.0	21.41	0.309	0.3155	18%	

Parameter:

Y & Name

Illuminant Q00

$Y_w = 100, Y_n = 50$

