

$XYZ_w = 97.93, 100.0, 118.95$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. Q00, $Y_w = 100, Y_N = 10$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d
R _d	567_775	64.71	45.09	12.05	0.531	0.37	596 487
Y _d	492_775	79.97	94.93	18.29	0.4139	0.4913	570 462
G _d	492_567	25.14	59.93	18.25	0.2433	0.58	535 535c
C _d	380_567	43.11	65.01	118.92	0.1898	0.2863	487 596
B _d	380_492	27.85	15.17	112.68	0.1789	0.0974	462 570
M _d	567_492	82.68	50.17	112.72	0.3366	0.2042	535c 535
W _d	380_775	97.93	100.0	118.95	0.309	0.3155	100%
N _d	380_775	9.79	10.0	11.89	0.309	0.3155	10%
Z _d	380_775	17.62	18.0	21.41	0.309	0.3155	18%

Parameter:

Y & Name

Illuminant Q00

$Y_w = 100, Y_N = 10$

