

$XYZ_w = 97.93, 100.0, 118.95$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)

Illumin. Q00, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d
R_d	567_775	61.05	39.04	0.28	0.6081	0.3889	596 487
Y_d	492_775	77.98	94.36	7.21	0.4343	0.5255	570 462
$G2_d$	474_575	23.58	64.55	20.1	0.2178	0.5964	529 529c
C_d	380_567	37.07	61.15	118.9	0.1707	0.2816	487 596
B_d	380_492	20.14	5.83	111.98	0.1459	0.0422	462 570
$M2_d$	575_474	74.54	35.64	99.09	0.3562	0.1703	529c 529
W_d	380_775	97.93	100.0	118.95	0.309	0.3155	100%
N_d	380_775	0.09	0.1	0.11	0.3089	0.3154	0%
Z_d	380_775	17.62	18.0	21.41	0.309	0.3155	18%

Parameter:

Y & Name

Illuminant Q00

$Y_w = 100, Y_N = 0$

