

$XYZ_w = 97.06, 99.99, 104.57$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

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

Illumin. P60, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_c	y_c	λ_d	λ_c
R_d	568_775	62.81	40.12	0.26	0.6086	0.3888	596	489
Y_d	494_775	79.75	94.58	6.61	0.4407	0.5227	571	463
G_d	494_568	17.12	54.66	6.56	0.2186	0.6976	535	535c
C_d	380_568	34.44	60.07	104.52	0.173	0.3018	489	596
B_d	380_494	17.51	5.61	98.17	0.1443	0.0462	463	571
M_d	568_494	80.13	45.53	98.22	0.3579	0.2033	535c	535
W_d	380_775	97.06	99.99	104.57	0.3218	0.3315	100%	
N_d	380_775	0.09	0.09	0.1	0.3216	0.3314	0%	
Z_d	380_775	17.47	17.99	18.82	0.3218	0.3315	18%	

