

$XYZ_w = 97.45, 100.0, 95.98$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

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

Illumin. P55, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	569_775	64.09	40.3	0.24	0.6124	0.3851	597	490
Y_d	494_775	81.66	94.73	6.1	0.4474	0.519	572	464
G_d	494_569	17.76	54.62	6.05	0.2264	0.6963	536	536c
C_d	380_569	33.55	59.89	95.93	0.1771	0.3162	490	597
B_d	380_494	15.98	5.46	90.06	0.1433	0.0489	464	572
M_d	569_494	79.88	45.57	90.11	0.3706	0.2113	536c	536
W_d	380_775	97.45	100.0	95.98	0.3321	0.3407	100%	
N_d	380_775	0.09	0.1	0.09	0.332	0.3406	0%	
Z_d	380_775	17.54	18.0	17.27	0.3321	0.3407	18%	

