

$XYZ_w = 102.06, 100.0, 81.06$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

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

Illumin. P00, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	69.05	40.7	0.2	0.6279	0.3701	600	491
Y_d	496_775	88.74	94.48	4.06	0.4738	0.5044	575	467
G_d	496_572	19.89	53.97	4.01	0.2554	0.6929	541	541c
C_d	380_572	33.21	59.49	81.01	0.1912	0.3424	491	600
B_d	380_496	13.52	5.71	77.15	0.1402	0.0592	467	575
M_d	572_496	82.37	46.22	77.2	0.4002	0.2246	541c	541
W_d	380_775	102.06	100.0	81.06	0.3604	0.3531	100%	
N_d	380_775	0.1	0.1	0.08	0.3603	0.353	0%	
Z_d	380_775	18.37	18.0	14.59	0.3604	0.3531	18%	

