

$XYZ_w = 100.0, 100.0, 100.0$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

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

Illumin. E00, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c^d
R_d	570_775	65.52	40.49	0.24	0.6165	0.381	598	489
Y_d	494_775	83.39	94.82	6.19	0.4522	0.5141	573	463
$G2_d$	471_575	23.23	62.14	17.89	0.2249	0.6017	528	528c
C_d	380_570	34.67	59.7	99.95	0.1784	0.3072	489	598
B_d	380_494	16.8	5.37	94.0	0.1446	0.0462	463	573
$M2_d$	575_471	76.96	38.05	82.31	0.39	0.1928	528c	528
W_d	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N_d	380_775	0.1	0.1	0.1	0.3332	0.3332	0%	
Z_d	380_775	18.0	18.0	18.0	0.3333	0.3333	18%	

