

$XYZ_w = 102.06, 100.0, 81.06$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 B_c (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [(x - x_c) / y]$

$b_2 = b_{20} [z / y]$

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

$x_c = 0.110, B_c = 1.000$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (o)

of maximum (m) C_{AB} in
chromatic value diagram (A_2, B_2)

Illumin. P00, $Y_w = 100, Y_N = 50$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	85.59	70.37	40.63	0.4353	0.3579	600	491
Y_d	496_775	95.45	97.28	42.56	0.4056	0.4134	575	467
$G2_d$	464_575	62.48	79.89	48.37	0.3275	0.4188	526	526c
C_d	380_572	67.65	79.77	81.07	0.296	0.3491	491	600
B_d	380_496	57.8	52.86	79.14	0.3045	0.2784	467	575
$M2_d$	575_464	90.76	70.25	73.33	0.3872	0.2997	526c	526
W_d	380_775	102.06	100.0	81.06	0.3604	0.3531	100%	
N_d	380_775	51.03	50.0	40.53	0.3604	0.3531	50%	
Z_d	380_775	18.37	18.0	14.59	0.3604	0.3531	18%	

Parameter:

Y & Name

Illuminant P00

$Y_w = 100, Y_N = 50$

