

$XYZ_w = 102.06, 100.0, 81.06$

$A_1 = 2,5 (a_1 - a_{1,n}) Y$

$B_1 = 2,5 B_c (b_1 - b_{1,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0,4$

$x_c = 0,110, B_c = 1,000$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in
chromatic value diagram (A, B)¹⁰⁰

Illumin. P00, $Y_w = 100, Y_N = 25$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	77.3	55.51	20.38	0.5046	0.3623	600	491
Y_d	496_775	92.09	95.88	23.27	0.4359	0.4538	575	467
G_d	496_572	40.4	65.47	23.24	0.3129	0.507	541	541c
C_d	380_572	50.4	69.61	81.04	0.2506	0.3462	491	600
B_d	380_496	35.61	29.24	78.15	0.249	0.2044	467	575
M_d	572_496	87.3	59.65	78.18	0.3877	0.2649	541c	541
W_d	380_775	102.06	100.0	81.06	0.3604	0.3531	100%	
N_d	380_775	25.51	25.0	20.26	0.3604	0.3531	25%	
Z_d	380_775	18.37	18.0	14.59	0.3604	0.3531	18%	

Parameter:

Y & Name

Illuminant P00

$Y_w = 100, Y_N = 25$

