

$XYZ_W = 102.06, 100.0, 81.06$

$A = 2,5 (a - a_n) Y$

$B = 2,5 B_c (b - b_n) Y$

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

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

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

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

$C_{AB} = [A^2 + B^2]^{1/2}$

6 Ostwald colours (o)

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

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

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
G_d	496_572	60.99	77.01	42.54	0.3378	0.4265	541	541c
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
M_d	572_496	92.26	73.13	79.17	0.3772	0.299	541c	541
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

$Y_W = 100, Y_N = 50$

