

$XYZ_W = 102.06, 100.0, 81.06$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. P00, $Y_W = 100, Y_N = 4$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	70.34	43.02	3.36	0.6025	0.3685	600	491
Y_d	496_775	89.27	94.7	7.07	0.4672	0.4957	575	467
G_d	496_572	23.11	55.77	7.03	0.2689	0.6491	541	541c
C_d	380_572	35.9	61.07	81.02	0.2017	0.3431	491	600
B_d	380_496	16.98	9.39	77.31	0.1637	0.0906	467	575
M_d	572_496	83.14	48.32	77.35	0.3981	0.2314	541c	541
W_d	380_775	102.06	100.0	81.06	0.3604	0.3531	100%	
N_d	380_775	4.08	4.0	3.24	0.3604	0.3531	4%	
Z_d	380_775	18.37	18.0	14.59	0.3604	0.3531	18%	

Parameter:

Y & Name

Illuminant P00

$Y_W = 100, Y_N = 4$

