

$XYZ_w = 99.2, 100.0, 76.07$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. P45, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	66.26	39.05	0.19	0.628	0.3701	600	492
Y_d	497_775	86.88	94.74	4.35	0.4671	0.5094	574	467
G_d	497_572	20.81	55.88	4.31	0.2569	0.6898	541	541c
C_d	380_572	33.13	61.14	76.02	0.1945	0.359	492	600
B_d	380_497	12.52	5.45	71.86	0.1393	0.0607	467	574
M_d	572_497	78.58	44.31	71.91	0.4034	0.2274	541c	541
W_d	380_775	99.2	100.0	76.07	0.3603	0.3632	100%	
N_d	380_775	0.09	0.1	0.07	0.3602	0.3631	0%	
Z_d	380_775	17.85	18.0	13.69	0.3603	0.3632	18%	

Parameter:

Y & Name

Illuminant P45

$Y_w = 100, Y_N = 0$

