

$XYZ_W = 98.12, 100.0, 86.5$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. P50, $Y_W = 100, Y_N = 4$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570_775	63.64	38.72	3.58	0.6006	0.3655	601	491
Y_d	495_775	84.5	94.18	7.42	0.454	0.506	573	467
G_d	495_570	24.88	59.55	7.38	0.2709	0.6485	542	542c
C_d	380_570	38.5	65.37	86.46	0.2023	0.3434	491	601
B_d	380_495	17.64	9.92	82.62	0.1601	0.09	467	573
M_d	570_495	77.26	44.54	82.66	0.3778	0.2178	542c	542
W_d	380_775	98.12	100.0	86.5	0.3447	0.3513	100%	
N_d	380_775	3.92	4.0	3.46	0.3447	0.3513	4%	
Z_d	380_775	17.66	18.0	15.57	0.3447	0.3513	18%	

Parameter:

Y & Name

Illuminant P50

$Y_W = 100, Y_N = 4$

