

$XYZ_w = 103.66, 99.99, 52.43$

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. P35, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	575_775	69.96	37.93	0.14	0.6475	0.3511	605	496
Y_d	500_775	95.43	94.52	2.55	0.4957	0.491	578	472
G_d	500_575	25.67	56.78	2.51	0.3021	0.6682	548	548c
C_d	380_575	33.9	62.26	52.39	0.2282	0.419	496	605
B_d	380_500	8.43	5.67	49.98	0.1316	0.0884	472	578
M_d	575_500	78.19	43.41	50.02	0.4556	0.2529	548c	548
W_d	380_775	103.66	99.99	52.43	0.4047	0.3904	100%	
N_d	380_775	0.1	0.09	0.05	0.4046	0.3903	0%	
Z_d	380_775	18.66	18.0	9.43	0.4047	0.3904	18%	

Parameter:

Y & Name

Illuminant P35

$Y_w = 100, Y_N = 0$

