

$XYZ_W = 103.66, 99.99, 52.43$

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. P35, $Y_W = 100, Y_N = 25$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	575_775	78.39	53.43	13.18	0.5405	0.3684	605	496
Y_d	500_775	97.51	95.91	14.99	0.4678	0.4601	578	472
G_d	500_575	45.14	67.58	14.97	0.3535	0.5292	548	548c
C_d	380_575	51.32	71.69	52.41	0.2925	0.4086	496	605
B_d	380_500	32.19	29.2	50.6	0.2874	0.2607	472	578
M_d	575_500	84.57	57.54	50.63	0.4387	0.2985	548c	548
W_d	380_775	103.66	99.99	52.43	0.4047	0.3904	100%	
N_d	380_775	25.91	24.99	13.1	0.4047	0.3904	25%	
Z_d	380_775	18.66	18.0	9.43	0.4047	0.3904	18%	

Parameter:

Y & Name

Illuminant P35

$Y_W = 100, Y_N = 25$

