

$XYZ_w = 109.84, 99.99, 35.58$

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. A00, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	579_775	79.94	43.12	0.11	0.6489	0.3501	605	499
Y_d	504_775	104.48	95.98	2.4	0.515	0.4731	581	474
G_d	504_579	24.75	53.05	2.36	0.3087	0.6617	547	547c
C_d	380_579	30.12	57.07	35.54	0.2454	0.4649	499	605
B_d	380_504	5.58	4.21	33.25	0.1297	0.0978	474	581
M_d	579_504	85.31	47.14	33.29	0.5147	0.2844	547c	547
W_d	380_775	109.84	99.99	35.58	0.4475	0.4074	100%	
N_d	380_775	0.1	0.09	0.03	0.4473	0.4072	0%	
Z_d	380_775	19.77	17.99	6.4	0.4475	0.4074	18%	

Parameter:

Y & Name

Illuminant A00

$Y_w = 100, Y_N = 0$

