

$XYZ_w = 95.04, 100.0, 108.89$

$A_1 = 2,5 (a_1 - a_{1,n}) Y$

$B_1 = 2,5 B_c (b_1 - b_{1,n}) Y$

$a_1 = a_{20} [(x - x_c) / y]$

$b_1 = b_{20} [z / y]$

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

$x_c = 0,110, B_c = 1,000$

$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$

6 Ostwald colours (o)

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

Illumin. D65, $Y_w = 100, Y_N = 25$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567_775	68.53	53.5	27.36	0.4587	0.3581	596	489
Y_d	493_775	81.63	95.72	32.39	0.3892	0.4563	570	463
G_d	493_567	36.95	67.31	32.35	0.2704	0.4927	535	535c
C_d	380_567	50.39	71.62	108.88	0.2182	0.3101	489	596
B_d	380_493	37.28	29.4	103.85	0.2186	0.1724	463	570
M_d	567_493	81.96	57.8	103.89	0.3363	0.2372	535c	535
W_d	380_775	95.04	100.0	108.89	0.3127	0.329	100%	
N_d	380_775	23.76	25.0	27.22	0.3127	0.329	25%	
Z_d	380_775	17.1	18.0	19.6	0.3127	0.329	18%	

Parameter:

Y & Name

Illuminant D65

$Y_w = 100, Y_N = 25$

