

$XYZ_W=100.0, 100.0, 100.0$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. E00, $Y_W=100, Y_N=10$

Name	Range	X_d	Y_d	Z_d	x_c	y_c	λ_c	x_c
R _d	570_775	68.94	46.4	10.14	0.5494	0.3697	598	489
Y _d	494_775	85.05	95.34	15.49	0.4341	0.4867	573	463
G _d	494_570	26.2	59.04	15.45	0.2601	0.5863	536	536c
C _d	380_570	41.16	63.7	99.96	0.2009	0.311	489	598
B _d	380_494	25.06	14.76	94.61	0.1864	0.1098	463	573
M _d	570_494	83.9	51.06	94.65	0.3654	0.2223	536c	536
W _d	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N _d	380_775	10.0	10.0	10.0	0.3333	0.3333	10%	
Z _d	380_775	18.0	18.0	18.0	0.3333	0.3333	18%	

Parameter:

Y & Name

Illuminant E00

$Y_W=100, Y_N=10$

