

$XYZ_w = 98.07, 100.0, 118.22$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. C00, $Y_w = 100, Y_N = 50$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	567_775	79.69	69.69	59.25	0.3819	0.334	596	487
Y _d	492_775	88.31	97.06	62.69	0.3559	0.3912	571	463
G _d	492_567	57.75	77.47	62.66	0.2918	0.3914	535	535c
C _d	380_567	67.55	80.45	118.25	0.2537	0.3021	487	596
B _d	380_492	58.94	53.08	114.82	0.2598	0.234	463	571
M _d	567_492	89.5	72.67	114.84	0.323	0.2623	535c	535
W _d	380_775	98.07	100.0	118.22	0.31	0.3161	100%	
N _d	380_775	49.03	50.0	59.11	0.31	0.3161	50%	
Z _d	380_775	17.65	18.0	21.28	0.31	0.3161	18%	

Parameter:

Y & Name

Illuminant C00

$Y_w = 100, Y_N = 50$

