

$XYZ_w = 97.45, 100.0, 95.98$

$A = 2.5 (a - a_n) Y$

$B = 2.5 B_c (b - b_n) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.000, B_c = 1.000$

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

6 Ostwald colours (o)

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

Illumin. P55, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	$60C_d$
R _d	569_775	64.09	40.3	0.24	0.6124	0.3851	597	490
Y _d	494_775	81.66	94.73	6.1	0.4474	0.519	572	464
G _d	494_569	17.76	54.62	6.05	0.2264	0.6963	536	536c
C _d	380_569	33.55	59.89	95.93	0.1771	0.3162	490	597
B _d	380_494	15.98	5.46	90.06	0.1433	0.0489	464	572
M _d	569_494	79.88	45.57	90.11	0.3705	0.2113	536c	536
W _d	380_775	97.45	100.0	95.98	0.3321	0.3407	100%	
N _d	380_775	0.09	0.1	0.09	0.332	0.3406	0%	
Z _d	380_775	17.54	18.0	17.27	0.3321	0.3407	18%	

Parameter:

Y & Name

Illuminant P55

$Y_w = 100, Y_N = 0$

