

$XYZ_W = 100.93, 100.0, 64.68$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. P40, $Y_W = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	573_775	70.25	41.25	0.17	0.629	0.3694	600	493
Y _d	498_775	90.6	95.35	4.18	0.4765	0.5014	576	468
G _d	498_573	20.55	54.29	4.13	0.2602	0.6873	540	540c
C _d	380_573	30.88	58.94	64.64	0.1999	0.3815	493	600
B _d	380_498	10.52	4.84	60.63	0.1384	0.0637	468	576
M _d	573_498	80.57	45.9	60.68	0.4305	0.2452	540c	540
W _d	380_775	100.93	100.0	64.68	0.3799	0.3764	100%	
N _d	380_775	0.1	0.1	0.06	0.3798	0.3763	0%	
Z _d	380_775	18.16	18.0	11.64	0.3799	0.3764	18%	

Parameter:

Y & Name

Illuminant P40

$Y_W = 100, Y_N = 0$

