

$XYZ_w = 100.93, 100.0, 64.68$

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)¹⁰⁰

Illumin. P40, $Y_w = 100, Y_N = 4$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	573_775	71.45	43.55	2.69	0.607	0.37	600	493
Y _d	498_775	91.01	95.54	6.54	0.4713	0.4947	576	468
G _d	498_573	23.69	56.08	6.5	0.2746	0.6499	540	540c
C _d	380_573	33.61	60.54	64.64	0.2116	0.3812	493	600
B _d	380_498	14.05	8.56	60.79	0.1685	0.1026	468	576
M _d	573_498	81.37	48.01	60.84	0.4277	0.2524	540c	540
W _d	380_775	100.93	100.0	64.68	0.3799	0.3764	100%	
N _d	380_775	4.03	4.0	2.58	0.3799	0.3764	4%	
Z _d	380_775	18.16	18.0	11.64	0.3799	0.3764	18%	

Parameter:

Y & Name

Illuminant P40

$Y_w = 100, Y_N = 4$

