

$XYZ_W = 115.18, 100.0, 26.59$

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)¹⁰⁰

Illumin. P25, $Y_W = 100, Y_N = 50$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	582_775	99.12	71.23	13.34	0.5396	0.3877	608	502
Y_d	506_775	113.2997	93	14.1	0.5027	0.4346	583	478
G_d	506_582	71.87	76.8	14.08	0.4415	0.4718	552	552c
C_d	380_582	73.82	78.91	26.59	0.4116	0.44	502	608
B_d	380_506	59.65	52.21	25.82	0.4332	0.3791	478	583
M_d	582_506	101.0773	34	25.84	0.5046	0.3662	552c	552
W_d	380_775	115.18100	0	26.59	0.4764	0.4136	100%	
N_d	380_775	57.59	50.0	13.29	0.4764	0.4136	50%	
Z_d	380_775	20.73	18.0	4.78	0.4764	0.4136	18%	

Parameter:

Y & Name

Illuminant P25

$Y_W = 100, Y_N = 50$

