

$XYZ_W = 108.04, 100.0, 39.55$

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. P30, $Y_W = 100, Y_N = 10$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	578_775	81.18	48.44	4.03	0.6074	0.3624	604	498
Y_d	503_775	102.61	96.33	6.3	0.4999	0.4693	580	473
G_d	503_578	32.34	57.98	6.26	0.3348	0.6003	546	546c
C_d	380_578	37.77	61.66	39.51	0.2718	0.4437	498	604
B_d	380_503	16.34	13.77	37.24	0.2426	0.2045	473	580
M_d	578_503	86.62	52.12	37.28	0.492	0.2961	546c	546
W_d	380_775	108.04	100.0	39.55	0.4363	0.4038		100%
N_d	380_775	10.8	10.0	3.95	0.4363	0.4038		10%
Z_d	380_775	19.44	18.0	7.11	0.4363	0.4038		18%

Parameter:

Y & Name

Illuminant P30

$Y_W = 100, Y_N = 10$

