

$$XYZ_{W,10} = 98.51, 99.99, 86.17$$

$$A_{1,10} = 2,5 (a_{1,10} - a_{1,n,10}) Y_{10}$$

$$B_{1,10} = 2,5 B_c (b_{1,10} - b_{1,n,10}) Y_{10}$$

$$a_{1,10} = a_{20} [(x_{10} - x_c) / y_{10}]$$

$$b_{1,10} = b_{20} [z_{10} / y_{10}]$$

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

$$x_c = 0,110, \quad B_c = 1,000$$

$$C_{AB1,10} = [A_{1,10}^2 + B_{1,10}^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) $C_{AB,10}$ in

chromatic value diagram ($A_{1,10}, B_{1,10}$)

Illumin. P50, $Y_{W,10}=100, Y_{N,10}=4$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	565_775	64.68	40.83	3.53	0.5931	0.3744	597	484
Y_d	489_775	84.82	93.14	8.87	0.4539	0.4985	569	461
G_d	489_565	24.18	56.41	8.87	0.2702	0.6304	534	534c
C_d	380_565	37.87	63.26	86.17	0.2021	0.3377	484	597
B_d	380_489	17.72	10.95	80.82	0.1618	0.1	461	569
M_d	565_489	78.37	47.69	80.82	0.3788	0.2305	534c	534
W_d	380_775	98.51	99.99	86.17	0.346	0.3512	100%	
N_d	380_775	3.94	3.99	3.44	0.346	0.3512	4%	
Z_d	380_775	17.73	17.99	15.51	0.346	0.3512	18%	

