

$$XYZ_{W,10} = 94.81, 100.0, 107.33$$

$$A_{2,10} = 2.5 (a_{2,10} - a_{2,n,10}) Y_{10}$$

$$B_{2,10} = 2.5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$$

$$a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$$

$$b_{2,10} = b_{20} [z_{10} / y_{10}]$$

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 0.800$$

$$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$$

6 Ostwald colours (o)

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

chromatic value diagram ($A_{2,10}, B_{2,10}$)

Illumin. D65, $Y_{W,10} = 100, Y_{N,10} = 10$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	63.31	45.16	10.84	0.5306	0.3785	593	482
Y_d	487_775	78.75	92.32	16.77	0.4192	0.4914	566	461
G_d	487_561	25.01	57.25	16.77	0.2525	0.578	529	529c
C_d	380_561	41.08	64.94	107.34	0.1925	0.3043	482	593
B_d	380_487	25.64	17.78	101.4	0.177	0.1228	461	566
M_d	561_487	79.38	52.85	101.4	0.3397	0.2262	529c	529
W_d	380_775	94.81	100.0	107.33	0.3137	0.3309	100%	
N_d	380_775	9.48	10.0	10.73	0.3137	0.3309	10%	
Z_d	380_775	17.06	18.0	19.32	0.3137	0.3309	18%	

