

$$XYZ_{W,10} = 97.65, 100.0, 95.55$$

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

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

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

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

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

$$x_c = 0.110, B_c = 0.900$$

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

6 Ostwald colours (o)

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

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

Illumin. P55, $Y_{W,10} = 100, Y_{N,10} = 4$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	564_775	66.24	44.52	3.91	0.5776	0.3882	593	483
Y_d	488_775	82.36	92.83	9.86	0.445	0.5016	568	460
G_d	488_564	20.12	52.41	9.86	0.2442	0.636	529	529c
C_d	380_564	35.41	59.57	95.55	0.1858	0.3126	483	593
B_d	380_488	19.29	11.26	89.61	0.1605	0.0937	460	568
M_d	564_488	81.53	51.69	89.61	0.3658	0.2319	529c	529
W_d	380_775	97.65	100.0	95.55	0.333	0.341	100%	
N_d	380_775	3.9	4.0	3.82	0.333	0.341	4%	
Z_d	380_775	17.57	18.0	17.19	0.333	0.341	18%	

