

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

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

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d
R_d	564_775	68.21	47.99	9.65	0.5419	0.3813	593 483
Y_d	488_775	83.33	93.29	15.22	0.4343	0.4862	568 460
G_d	488_564	24.97	55.39	15.22	0.2612	0.5794	529 529c
C_d	380_564	39.31	62.11	95.56	0.1995	0.3153	483 593
B_d	380_488	24.19	16.81	89.98	0.1847	0.1283	460 568
M_d	564_488	82.55	54.71	89.98	0.3632	0.2407	529c 529
W_d	380_775	97.65	100.0	95.55	0.333	0.341	100%
N_d	380_775	9.76	10.0	9.55	0.333	0.341	10%
Z_d	380_775	17.57	18.0	17.19	0.333	0.341	18%

Parameter:
 Y_{10} & Name
 Illuminant P55
 $Y_{W,10} = 100, Y_{N,10} = 10$

