

$$XYZ_{W,10} = 97.28, 99.99, 116.14$$

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

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

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

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

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

$$x_c = 0.110, B_c = 0.700$$

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

6 Ostwald colours (o)

of maximum (m) $C_{AB,10}$ in
chromatic value diagram ($A_{2,10}, B_{2,10}$)

Illumin. C00, $Y_{W,10} = 100, Y_{N,10} = 50$

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	79.25	70.14	58.18	0.3817	0.3379	593	481
Y_d	486_775	87.59	95.32	61.25	0.3587	0.3903	567	461
G_d	486_561	57.08	75.28	61.25	0.2948	0.3888	530	530c
C_d	380_561	66.82	80.0	116.2	0.254	0.3041	481	593
B_d	380_486	58.48	54.82	113.13	0.2582	0.2421	461	567
M_d	561_486	88.99	74.86	113.13	0.3212	0.2702	530c	530
W_d	380_775	97.28	99.99	116.14	0.3103	0.319	100%	
N_d	380_775	48.64	49.99	58.07	0.3103	0.319	50%	
Z_d	380_775	17.51	18.0	20.9	0.3103	0.319	18%	

