

$$XYZ_{W,10} = 96.72, 99.99, 81.41$$

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

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

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

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

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

$$x_c = 0.110, B_c = 1.000$$

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

6 Ostwald colours (o)

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

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

Illumin. D50, $Y_{W,10} = 100, Y_{N,10} = 0$

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	65.87	42.12	0.16	0.609	0.3894	594	484
Y _d	490_775	83.5	92.67	5.5	0.4596	0.51	568	463
G _d	490_565	17.81	50.74	5.5	0.2405	0.685	531	531c
C _d	380_565	31.04	58.07	81.41	0.182	0.3405	484	594
B _d	380_490	13.41	7.52	76.06	0.1382	0.0775	463	568
M _d	565_490	79.1	49.45	76.06	0.3865	0.2416	531c	531
W _d	380_775	96.72	99.99	81.41	0.3477	0.3595	100%	
N _d	380_775	0.09	0.09	0.08	0.3476	0.3594	0%	
Z _d	380_775	17.41	17.99	14.65	0.3477	0.3595	18%	

