

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. 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^d
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%	

Parameter:
 Y_{10} & Name
 Illuminant D50
 $Y_{W,10} = 100, Y_{N,10} = 0$

