

$XYZ_{W,10} = 98.51, 99.99, 86.17$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. P50, $Y_{W,10} = 100, Y_{N,10} = 10$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	565_775	66.8	44.54	8.7	0.5564	0.371	597	484
Y_d	489_775	85.68	93.58	13.71	0.444	0.4849	569	461
G_d	489_565	28.83	59.14	13.71	0.2835	0.5815	534	534c
C_d	380_565	41.66	65.56	86.17	0.2154	0.339	484	597
B_d	380_489	22.78	16.52	81.16	0.1891	0.1371	461	569
M_d	565_489	79.63	50.96	81.16	0.376	0.2406	534c	534
W_d	380_775	98.51	99.99	86.17	0.346	0.3512	100%	
N_d	380_775	9.85	9.99	8.61	0.346	0.3512	10%	
Z_d	380_775	17.73	17.99	15.51	0.346	0.3512	18%	

Parameter:

Y_{10} & Name

Illuminant P50

$Y_{W,10} = 100, Y_{N,10} = 10$

