

$XYZ_{W,10} = 94.81, 100.0, 107.33$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. D65, $Y_{W,10} = 100, Y_{N,10} = 10$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d
R_d	561_775	63.31	45.16	10.84	0.5306	0.3785	593
Y_d	487_775	78.75	92.32	16.77	0.4192	0.4914	566
G_d	487_561	25.01	57.25	16.77	0.2525	0.578	529
C_d	380_561	41.08	64.94	107.34	0.1925	0.3043	482
B_d	380_487	25.64	17.78	101.4	0.177	0.1228	461
M_d	561_487	79.38	52.85	101.4	0.3397	0.2262	529
W_d	380_775	94.81	100.0	107.33	0.3137	0.3309	100%
N_d	380_775	9.48	10.0	10.73	0.3137	0.3309	10%
Z_d	380_775	17.06	18.0	19.32	0.3137	0.3309	18%

Parameter:

Y_{10} & Name

Illuminant D65

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

