

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

$A_{10} = 2,5 (a_{10} - a_{n10}) Y_{10}$

$B_{10} = 2,5 B_c (b_{10} - b_{n10}) Y_{10}$

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

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

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

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

$C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$

6 Ostwald colours (o)

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

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

Illumin. D65, $Y_{W,10}=100, Y_{N,10}=4$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d
R_d	561_775	61.2	41.5	4.4	0.5714	0.3874	593 482
Y_d	487_775	77.67	91.8	10.73	0.431	0.5094	566 461
G_d	487_561	20.35	54.39	10.73	0.2381	0.6363	529 529c
C_d	380_561	37.49	62.6	107.33	0.1807	0.3017	482 593
B_d	380_487	21.02	12.3	101.0	0.1565	0.0915	461 566
M_d	561_487	78.35	49.7	101.0	0.342	0.2169	529c 529
W_d	380_775	94.81	100.0	107.33	0.3137	0.3309	100%
N_d	380_775	3.79	4.0	4.29	0.3137	0.3309	4%
Z_d	380_775	17.06	18.0	19.32	0.3137	0.3309	18%

Parameter:

Y_{10} & Name

Illuminant D65

$Y_{W,10}=100, Y_{N,10}=4$

