

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

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

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	565_775	68.94	47.87	8.22	0.5513	0.3828	594	484
Y <sub>d</sub>	490_775	84.82	93.4	13.03	0.4434	0.4883	568	463
G <sub>d</sub>	490_565	25.64	55.63	13.03	0.2719	0.5898	531	531c
C <sub>d</sub>	380_565	37.55	62.23	81.41	0.2072	0.3434	484	594
B <sub>d</sub>	380_490	21.68	16.7	76.6	0.1885	0.1452	463	568
M <sub>d</sub>	565_490	80.85	54.47	76.6	0.3815	0.257	531c	531
W <sub>d</sub>	380_775	96.72	99.99	81.41	0.3477	0.3595	100%	
N <sub>d</sub>	380_775	9.67	9.99	8.14	0.3477	0.3595	10%	
Z <sub>d</sub>	380_775	17.41	17.99	14.65	0.3477	0.3595	18%	

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

