

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. P50,  $Y_{W,10} = 100, Y_{N,10} = 25$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
$R_d$	565_775	72.1	53.8	21.62	0.4887	0.3646	597	484
$Y_d$	489_775	87.84	94.66	25.8	0.4216	0.4544	569	461
$G_d$	489_565	40.46	65.96	25.8	0.3059	0.4988	534	534c
$C_d$	380_565	51.15	71.32	86.19	0.2451	0.3417	484	597
$B_d$	380_489	35.42	30.45	82.01	0.2395	0.2059	461	569
$M_d$	565_489	82.8	59.15	82.01	0.3696	0.2641	534c	534
$W_d$	380_775	98.51	99.99	86.17	0.346	0.3512	100%	
$N_d$	380_775	24.62	24.99	21.54	0.346	0.3512	25%	
$Z_d$	380_775	17.73	17.99	15.51	0.346	0.3512	18%	

Parameter:

$Y_{10}$  & Name

Illuminant P50

$Y_{W,10} = 100, Y_{N,10} = 25$

