

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. D50, $Y_{W,10}=100, Y_{N,10}=4$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	565_775	67.08	44.39	3.33	0.5842	0.3866	594	484
Y_d	490_775	84.02	92.96	8.47	0.453	0.5012	568	463
G_d	490_565	20.9	52.67	8.47	0.2547	0.6419	531	531c
C_d	380_565	33.6	59.71	81.41	0.1923	0.3417	484	594
B_d	380_490	16.67	11.14	76.27	0.1601	0.107	463	568
M_d	565_490	79.79	51.43	76.27	0.3845	0.2478	531c	531
W_d	380_775	96.72	99.99	81.41	0.3477	0.3595	100%	
N_d	380_775	3.86	3.99	3.25	0.3477	0.3595	4%	
Z_d	380_775	17.41	17.99	14.65	0.3477	0.3595	18%	

Parameter:
 Y_{10} & Name
 Illuminant D50
 $Y_{W,10}=100, Y_{N,10}=4$

