

$XYZ_{W,10}=97.65, 100.0, 118.42$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. Q00, $Y_{W,10}=100, Y_{N,10}=50$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	79.32	69.97	59.33	0.3802	0.3354	593	481
Y_d	486_775	87.6	95.49	62.32	0.3569	0.3891	566	459
G_d	486_561	57.2	75.62	62.32	0.2931	0.3875	530	530c
C_d	380_561	67.29	80.17	118.48	0.253	0.3014	481	593
B_d	380_486	59.01	54.65	115.49	0.2575	0.2384	459	566
M_d	561_486	89.41	74.52	115.49	0.3199	0.2667	530c	530
W_d	380_775	97.65	100.0	118.42	0.3089	0.3163	100%	
N_d	380_775	48.82	50.0	59.21	0.3089	0.3163	50%	
Z_d	380_775	17.57	18.0	21.31	0.3089	0.3163	18%	

Parameter:

Y_{10} & Name

Illuminant Q00

$Y_{W,10}=100, Y_{N,10}=50$

