

$XYZ_{W,10} = 97.28, 99.99, 116.14$

$A_{1,10} = 2.5 (a_{1,10} - a_{1,n,10}) Y_{10}$

$B_{1,10} = 2.5 B_c (b_{1,10} - b_{1,n,10}) Y_{10}$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1,000$

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

6 Ostwald colours (o)

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

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

Illumin. C00, $Y_{W,10} = 100, Y_{N,10} = 25$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	70.18	55.16	29.15	0.4542	0.357	593	481
Y_d	486_775	82.69	92.93	33.75	0.3949	0.4438	567	461
G_d	486_561	36.93	62.87	33.75	0.2765	0.4707	530	530c
C_d	380_561	51.54	69.96	116.17	0.2168	0.2943	481	593
B_d	380_486	39.03	32.18	111.57	0.2135	0.176	461	567
M_d	561_486	84.79	62.25	111.57	0.3278	0.2407	530c	530
W_d	380_775	97.28	99.99	116.14	0.3103	0.319	100%	
N_d	380_775	24.32	24.99	29.03	0.3103	0.319	25%	
Z_d	380_775	17.51	18.0	20.9	0.3103	0.319	18%	

Parameter:
 Y_{10} & Name
 Illuminant C00
 $Y_{W,10} = 100, Y_{N,10} = 25$

