

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

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

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

chromatic value diagram ($A_{1,10}, B_{1,10}$)

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

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	x_c
R_d	561_775	64.58	45.87	11.96	0.5275	0.3747	593	481
Y_d	486_775	79.49	91.81	17.34	0.4213	0.4866	566	459
G_d	486_561	24.77	56.03	17.34	0.2523	0.5709	530	530c
C_d	380_561	42.93	64.23	118.43	0.1903	0.2847	481	593
B_d	380_486	28.02	18.29	113.05	0.1758	0.1148	459	566
M_d	561_486	82.75	54.07	113.05	0.3311	0.2163	530c	530
W_d	380_775	97.65	100.0	118.42	0.3089	0.3163	100%	
N_d	380_775	9.76	10.0	11.84	0.3089	0.3163	10%	
Z_d	380_775	17.57	18.0	21.31	0.3089	0.3163	18%	

