

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

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

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

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

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

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

$x_c = 0.110, B_c = 1,000$

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

6 Ostwald colours (o)

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

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

Illumin. C00, $Y_{W,10} = 100, Y_{N,10} = 0$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d
R _d	561_775	61.15	40.24	0.23	0.6017	0.3959	593
Y _d	486_775	77.82	90.55	6.36	0.4453	0.5182	567
G _d	486_561	16.86	50.51	6.36	0.2286	0.685	530
C _d	380_561	36.32	59.95	116.14	0.1709	0.2822	481
B _d	380_486	19.65	9.64	110.01	0.141	0.0692	461
M _d	561_486	80.62	49.68	110.01	0.3354	0.2067	530c
W _d	380_775	97.28	99.99	116.14	0.3103	0.319	100%
N _d	380_775	0.09	0.09	0.11	0.3102	0.3189	0%
Z _d	380_775	17.51	18.0	20.9	0.3103	0.319	18%

