

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

$A_{10} = 2,5 (a_{10} - a_{n10}) Y_{10}$

$B_{10} = 2,5 B_c (b_{10} - b_{n10}) Y_{10}$

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. Q00, $Y_{W,10}=100, Y_{N,10}=4$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ
R_d	561_775	62.37	42.26	4.85	0.5696	0.3859	593	481
Y_d	486_775	78.27	91.26	10.59	0.4345	0.5066	566	459
G_d	486_561	19.9	53.09	10.59	0.2381	0.6351	530	530c
C_d	380_561	39.28	61.84	118.42	0.1789	0.2816	481	593
B_d	380_486	23.37	12.84	112.68	0.157	0.0862	459	566
M_d	561_486	81.75	51.0	112.68	0.333	0.2078	530c	530
W_d	380_775	97.65	100.0	118.42	0.3089	0.3163	100%	
N_d	380_775	3.9	4.0	4.73	0.3089	0.3163	4%	
Z_d	380_775	17.57	18.0	21.31	0.3089	0.3163	18%	

Parameter:

Y_{10} & Name

Illuminant Q00

$Y_{W,10}=100, Y_{N,10}=4$

