

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

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

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

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

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

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

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

$$C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$$

6 Ostwald colours (o)

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

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

Illumin. 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	λ
R_d	561_775	61.15	40.24	0.23	0.6017	0.3959	593	461
Y_d	486_775	77.82	90.55	6.36	0.4453	0.5182	567	461
G_d	486_561	16.86	50.51	6.36	0.2286	0.685	530	530c
C_d	380_561	36.32	59.95	116.14	0.1709	0.2822	481	593
B_d	380_486	19.65	9.64	110.01	0.141	0.0692	461	567
M_d	561_486	80.62	49.68	110.01	0.3354	0.2067	530c	530
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%	

Parameter:
 Y_{10} & Name
 Illuminant C00
 $Y_{W,10} = 100, Y_{N,10} = 0$

