

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

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

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	64.74	46.17	11.73	0.5278	0.3764	593	481
Y_d	486_775	79.76	91.5	17.25	0.4231	0.4853	567	461
G_d	486_561	24.84	55.42	17.25	0.2547	0.5683	530	530c
C_d	380_561	42.37	63.93	116.15	0.1904	0.2873	481	593
B_d	380_486	27.36	18.6	110.63	0.1747	0.1188	461	567
M_d	561_486	82.28	54.68	110.63	0.3323	0.2208	530c	530
W_d	380_775	97.28	99.99	116.14	0.3103	0.319		100%
N_d	380_775	9.72	9.99	11.61	0.3103	0.319		10%
Z_d	380_775	17.51	18.0	20.9	0.3103	0.319		18%

Parameter:

Y_{10} & Name

Illuminant C00

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

