

$XYZ_{W,10} = 97.09, 99.99, 104.01$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. P60, $Y_{W,10} = 100, Y_{N,10} = 10$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_p
R_d	563_775	66.93	47.78	10.5	0.5345	0.3815	592	482
Y_d	487_775	81.39	92.89	16.34	0.4269	0.4872	567	460
G_d	487_563	24.26	55.2	16.34	0.2532	0.5762	528	528c
C_d	380_563	39.97	62.32	104.02	0.1937	0.302	482	592
B_d	380_487	25.51	17.21	98.19	0.181	0.1221	460	567
M_d	563_487	82.65	54.9	98.19	0.3505	0.2328	528c	528
W_d	380_775	97.09	99.99	104.01	0.3224	0.3321	100%	
N_d	380_775	9.7	9.99	10.4	0.3224	0.3321	10%	
Z_d	380_775	17.47	17.99	18.72	0.3224	0.3321	18%	

Parameter:

Y_{10} & Name

Illuminant P60

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

