

$XYZ_{W,10}=104.71, 99.99, 52.16$

$A_{1,10} = 2,5 (a_{1,10} - a_{1,n,10}) Y_{10}$

$B_{1,10} = 2,5 B_c (b_{1,10} - b_{1,n,10}) Y_{10}$

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

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

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

$x_c = 0,110, B_c = 1,000$

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

6 Ostwald colours (o)

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

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

Illumin. P35, $Y_{W,10}=100, Y_{N,10}=10$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	571_775	75.67	47.37	5.26	0.5897	0.3692	601	489
Y_d	494_775	97.24	94.82	8.23	0.4854	0.4734	574	466
G_d	494_571	32.14	57.54	8.23	0.3282	0.5876	540	540c
C_d	380_571	39.62	62.73	52.16	0.2564	0.4059	489	601
B_d	380_494	18.05	15.28	49.2	0.2187	0.1851	466	574
M_d	571_494	83.15	52.56	49.2	0.4496	0.2842	540c	540
W_d	380_775	104.71	99.99	52.16	0.4076	0.3892	100%	
N_d	380_775	10.47	9.99	5.21	0.4076	0.3892	10%	
Z_d	380_775	18.84	17.99	9.38	0.4076	0.3892	18%	

Parameter:

Y_{10} & Name

Illuminant P35

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

