

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. P35, $Y_{W,10}=100, Y_{N,10}=0$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	571_775	72.46	41.57	0.1	0.6348	0.3642	601	489
Y_d	494_775	96.4	94.24	3.39	0.4968	0.4856	574	466
G_d	494_571	24.15	52.86	3.39	0.3003	0.6574	540	540c
C_d	380_571	32.45	58.62	52.16	0.2265	0.4092	489	601
B_d	380_494	8.51	5.95	48.86	0.1344	0.094	466	574
M_d	571_494	80.77	47.33	48.86	0.4563	0.2674	540c	540
W_d	380_775	104.71	99.99	52.16	0.4076	0.3892	100%	
N_d	380_775	0.1	0.09	0.05	0.4074	0.3891	0%	
Z_d	380_775	18.84	17.99	9.38	0.4076	0.3892	18%	

Parameter:

Y_{10} & Name

Illuminant P35

$Y_{W,10}=100, Y_{N,10}=0$

