

$XYZ_{W,10}=97.65, 100.0, 95.55$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. P55, $Y_{W,10}=100, Y_{N,10}=25$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	564_775	73.13	56.68	23.98	0.4755	0.3685	593	483
Y_d	488_775	85.73	94.42	28.62	0.4106	0.4522	568	460
G_d	488_564	37.1	62.84	28.62	0.2885	0.4887	529	529c
C_d	380_564	49.05	68.44	95.57	0.2302	0.3212	483	593
B_d	380_488	36.45	30.69	90.93	0.2306	0.1941	460	568
M_d	564_488	85.08	62.28	90.93	0.357	0.2613	529c	529
W_d	380_775	97.65	100.0	95.55	0.333	0.341	100%	
N_d	380_775	24.41	25.0	23.88	0.333	0.341	25%	
Z_d	380_775	17.57	18.0	17.19	0.333	0.341	18%	

Parameter:

Y_{10} & Name

Illuminant P55

$Y_{W,10}=100, Y_{N,10}=25$

