

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. P55, $Y_{W,10}=100, Y_{N,10}=0$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d
R_d	564_775	64.96	42.26	0.19	0.6047	0.3934	593 483
Y_d	488_775	81.74	92.54	6.37	0.4524	0.5122	568 460
G_d	488_564	16.97	50.47	6.37	0.2299	0.6837	529 529c
C_d	380_564	32.88	57.93	95.55	0.1764	0.3108	483 593
B_d	380_488	16.1	7.65	89.36	0.1423	0.0676	460 568
M_d	564_488	80.87	49.72	89.36	0.3676	0.226	529c 529
W_d	380_775	97.65	100.0	95.55	0.333	0.341	100%
N_d	380_775	0.09	0.1	0.09	0.3329	0.3409	0%
Z_d	380_775	17.57	18.0	17.19	0.333	0.341	18%

Parameter:

Y_{10} & Name

Illuminant P55

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

