

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. P55, $Y_{W,10}=100, Y_{N,10}=4$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	$60C_d$
R_d	564_775	66.24	44.52	3.91	0.5776	0.3882	593	483
Y_d	488_775	82.36	92.83	9.86	0.445	0.5016	568	460
G_d	488_564	20.12	52.41	9.86	0.2442	0.636	529	529c
C_d	380_564	35.41	59.57	95.55	0.1858	0.3126	483	593
B_d	380_488	19.29	11.26	89.61	0.1605	0.0937	460	568
M_d	564_488	81.53	51.69	89.61	0.3658	0.2319	529c	529
W_d	380_775	97.65	100.0	95.55	0.333	0.341	100%	
N_d	380_775	3.9	4.0	3.82	0.333	0.341	4%	
Z_d	380_775	17.57	18.0	17.19	0.333	0.341	18%	

Parameter:

Y_{10} & Name

Illuminant P55

$Y_{W,10}=100, Y_{N,10}=4$

