

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})

Illumin. 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
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

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

