

$XYZ_{W,10}=97.09, 99.99, 104.01$

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

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

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

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

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

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

$C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$

6 Ostwald colours (o)

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

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

Illumin. P60, $Y_{W,10}=100, Y_{N,10}=25$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	563_775	71.98	56.5	26.1	0.4656	0.3654	592	482
Y_d	487_775	84.02	94.09	30.97	0.4018	0.45	567	460
G_d	487_563	36.41	62.68	30.97	0.2799	0.4819	528	528c
C_d	380_563	49.5	68.62	104.04	0.2228	0.3088	482	592
B_d	380_487	37.46	31.03	99.18	0.2234	0.185	460	567
M_d	563_487	85.07	62.43	99.18	0.3448	0.253	528c	528
W_d	380_775	97.09	99.99	104.01	0.3224	0.3321	100%	
N_d	380_775	24.27	24.99	26.0	0.3224	0.3321	25%	
Z_d	380_775	17.47	17.99	18.72	0.3224	0.3321	18%	

Parameter:

Y_{10} & Name

Illuminant P60

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

