

$XYZ_{W,10} = 111.15, 99.99, 35.19$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. A00, $Y_{W,10} = 100, Y_{N,10} = 25$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	575_775	85.43	56.02	8.83	0.5684	0.3727	606	493
Y_d	498_775	107.11	96.32	10.48	0.5006	0.4502	577	469
G_d	498_575	49.57	65.4	10.48	0.3951	0.5213	546	546c
C_d	380_575	53.63	69.1	35.2	0.3395	0.4374	493	606
B_d	380_498	31.96	28.79	33.55	0.3389	0.3052	469	577
M_d	575_498	89.5	59.71	33.55	0.4896	0.3267	546c	546
W_d	380_775	111.15	99.99	35.19	0.4511	0.4059	100%	
N_d	380_775	27.78	24.99	8.79	0.4511	0.4059	25%	
Z_d	380_775	20.0	18.0	6.33	0.4511	0.4059	18%	

Parameter:
 Y_{10} & Name
 Illuminant A00
 $Y_{W,10} = 100, Y_{N,10} = 25$

