

$XYZ_{W,10}=109.29, 99.99, 39.19$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. P30, $Y_{W,10}=100, Y_{N,10}=4$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	574_775	80.72	47.39	1.6	0.6222	0.3653	602	491
Y_d	497_775	103.44	94.68	3.68	0.5125	0.4691	577	469
G_d	497_574	27.19	51.39	3.68	0.3305	0.6246	542	542c
C_d	380_574	33.05	56.7	39.2	0.2563	0.4397	491	602
B_d	380_497	10.33	9.41	37.12	0.1817	0.1655	469	577
M_d	574_497	86.58	52.71	37.12	0.4907	0.2987	542c	542
W_d	380_775	109.29	99.99	39.19	0.4398	0.4024	100%	
N_d	380_775	4.37	3.99	1.56	0.4398	0.4024	4%	
Z_d	380_775	19.67	17.99	7.05	0.4398	0.4024	18%	

Parameter:

Y_{10} & Name

Illuminant P30

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

