

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

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

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

$$a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$$

$$b_{2,10} = b_{20} [z_{10}/y_{10}]$$

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

$$x_c = 0,110, B_c = 2,500$$

$$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$$

6 Ostwald colours (o)

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

linear colour space ($C_{AB,2,10}, Y_{10}$)

Illumin. P30, $Y_{\text{ref},10}=100$, $Y_{\text{ref},10}=10$

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	82.51	50.69	3.95	0.6015	0.3695	602	491
Y_d	497_775	103.81	95.02	5.9	0.507	0.4641	577	469
G_d	497_574	32.33	54.43	5.9	0.3488	0.5873	542	542c
C_d	380_574	37.82	59.41	39.2	0.2772	0.4354	491	602
B_d	380_497	16.53	15.08	37.25	0.24	0.219	469	577
M_d	574_497	88.01	55.67	37.25	0.4864	0.3077	542c	542
W_d	380_775	109.29	99.99	39.19	0.4398	0.4024	100%	
N_d	380_775	10.92	9.99	3.91	0.4398	0.4024	10%	
Z_d	380_775	19.67	17.99	7.05	0.4398	0.4024	18%	

Parameter:

Y₁₀ & Name

Illuminant P30

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