

$$XYZ_{w_{10}} = 116.54, 99.99, 26.13$$

$$A_{2,10} = 2,5 (a_{2,10} - a_{2,0,10}) Y_{10}$$

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

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

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

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

$$x_{\epsilon} = 0,110, B_{\epsilon} = 3,700$$

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

6 Ostwald colours (o)

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

linear colour space ($C_{AB,2,10^\circ}$, Y_{10°)

Illumin. P25, $Y_{\text{max}}=100$, $Y_{\text{min}}=10$

Name	Range	W _{d,10}			N _{d,10}			
		X _{d,10}	Y _{d,10}	Z _{d,10}	x _{d,10}	y _{d,10}	λ _d	λ _c
R _d	578_775	89.16	52.06	2.63	0.6197	0.3619	605	495
Y _d	500_775	113.02	95.19	3.75	0.5332	0.449	580	473
G _d	500_578	35.63	53.22	3.75	0.3847	0.5747	547	547c
C _d	380_578	39.16	58.04	26.14	0.3175	0.4705	495	605
B _d	380_500	15.3	14.91	25.03	0.2769	0.2699	473	580
M _d	578_500	92.69	56.88	25.03	0.5308	0.3257	547c	547
W _d	380_775	116.5	499.99	26.13	0.4802	0.412		100%
N _d	380_775	11.65	9.99	2.61	0.4802	0.412		10%
Z _d	380_775	20.97	17.99	4.7	0.4802	0.412		18%

Parameter:

Y₁₀ & Name

Illuminant P25

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