

$XYZ_w=103.66, 99.99, 52.43$

$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2,5 B_1 (b_2 - b_{2, \text{н}}) Y$$

$$a_2 = a_{20} [(x - x_c) / y]$$

$$b_2 = b_{20} [x/y]$$

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

$$x_c = 0,110, E_c = 1,800$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

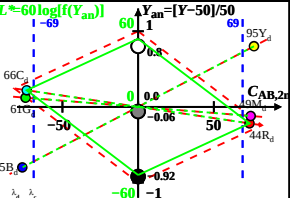
6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB}, Y)

Illumin. P35, $Y_{uv}=100$, $Y_v=10$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	575_775	73.31	44.09	5.32	0.5973	0.3592	605	496
Y_d	500_775	96.26	95.08	7.49	0.4841	0.4781	578	472
G_d	500_575	33.41	61.08	7.46	0.3277	0.599	548	548c
C_d	380_575	40.82	66.01	52.4	0.2563	0.4145	496	605
B_d	380_500	17.88	15.02	50.23	0.215	0.1807	472	578
M_d	575_500	80.73	49.02	50.26	0.4484	0.2723	548c	548
W_d	380_775	103.66	99.99	52.43	0.4047	0.3904		100%
N_d	380_775	10.36	9.99	5.24	0.4047	0.3904		10%
Z_d	380_775	18.66	18.0	9.43	0.4047	0.3904		18%

$$L^* = 60 \log[f(Y_{20})]$$

$$f(Y_{\text{new}}) = \pm [1 + 10 |Y_{\text{new}}|^n]$$

n increases to 1 for:

1. decreasing of the contrast C
2. adjacent compared to separate colours.

Parameter:

Y & Name

Illuminant P35

$$Y_W=100, Y_N=10$$