

XYZ₀ = 98.07, 100.0, 118.22

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

$$B_2 = 2,5 B_c (b_2 - b_{2,0}) Y$$

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

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

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

$$x_c = 0,110, B_c = 0,700$$

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

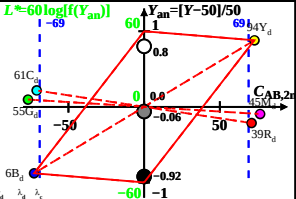
6 Ostwald colours (o)

of maximum (m) C_{AB} in

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

Illumin. C00, $Y_w=100$, $Y_N=0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567_775	61.25	39.34	0.28	0.6071	0.3899	596	487
Y_d	492_775	78.47	94.03	7.15	0.4367	0.5233	571	463
G_d	492_567	17.41	54.88	7.1	0.2192	0.6912	535	535c
C_d	380_567	37.0	60.85	118.17	0.1713	0.2816	487	596
B_d	380_492	19.79	6.16	111.3	0.1442	0.0449	463	571
M_d	567_492	80.85	45.31	111.35	0.3404	0.1907	535c	535
W_d	380_775	98.07	100.0	118.22	0.31	0.3161	100%	
N_d	380_775	0.09	0.1	0.11	0.3099	0.316	0%	
Z_d	380_775	17.65	18.0	21.28	0.31	0.3161	18%	

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

$$f(Y_{30}) = \pm [1 + 10 |Y_{30}|^n]$$

n increases to 1 for:

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

Parameter:

Y & Name

Illuminant C00

$$Y_w = 100, Y_N = 0$$