

XYZ_w=98.12, 100.0, 86.5

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

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

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

$$b_2 \equiv b_{20} [x/y]$$

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

$$x_c = 0,110, B_c = 1,000$$

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

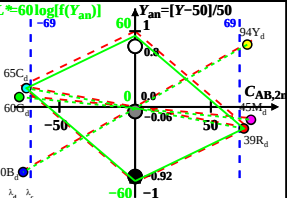
6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbenraum ($C_{AR,2}$)

Lichtart P50, $Y_w=100$, $Y_N=4$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570_775	63.64	38.72	3.58	0.6006	0.3655	601	491
Y_d	495_775	84.5	94.18	7.42	0.454	0.506	573	467
G_d	495_570	24.88	59.55	7.38	0.2709	0.6485	542	542c
C_d	380_570	38.5	65.37	86.46	0.2023	0.3434	491	601
B_d	380_495	17.64	9.92	82.62	0.1601	0.09	467	573
M_d	570_495	77.26	44.54	82.66	0.3778	0.2178	542c	542
W_d	380_775	98.12	100.0	86.5	0.3447	0.3513		100%
N_d	380_775	3.92	4.0	3.46	0.3447	0.3513		4%
Z_d	380_775	17.66	18.0	15.57	0.3447	0.3513		18%

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


$$f(Y_{3n}) = \pm [1 + 10 |Y_{3n}|^n]$$

n nähert sich 1 für:

1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:

Y & Name

Lichtart P50

$$Y_w=100, Y_N=4$$