

$$\Delta Y_{20} = [Y - 50] / 50$$

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

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

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

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

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

$$x_c = 0,110, B_c = 1,100$$

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

6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbenraum ($C_{AB,2} Y$)

Lichtart P45, $Y_u=100$, $Y_v=10$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	69.54	45.1	7.72	0.5682	0.3685	600	492
Y_d	497_775	88.11	95.27	11.47	0.4521	0.4889	574	467
G_d	497_572	28.59	60.26	11.43	0.285	0.6009	541	541c
C_d	380_572	39.69	65.0	76.04	0.2196	0.3596	492	600
B_d	380_497	21.12	14.83	72.29	0.1951	0.137	467	574
M_d	572_497	80.64	49.84	72.33	0.3976	0.2457	541c	541
W_d	380_775	99.2	100.0	76.07	0.3603	0.3632	100%	
N_d	380_775	9.92	10.0	7.6	0.3603	0.3632	10%	
Z_d	380_775	17.85	18.0	13.69	0.3603	0.3632	18%	

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

n nähert sich 1 für:

1. abnehmendem

Kontrast C

2. aneinandergrenzende

/ separate Farben.

Parameter:

Y & Name

Lichtart P45

$$Y_W=100, Y_N=10$$
