XYZ_W=100.0 , 100.0 , 100.0

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

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

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

$b_2 = b_{20}\ [\ z\ /\ y]$

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

$x_c = 0{,}110,\ B_c = 0{,}900$

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

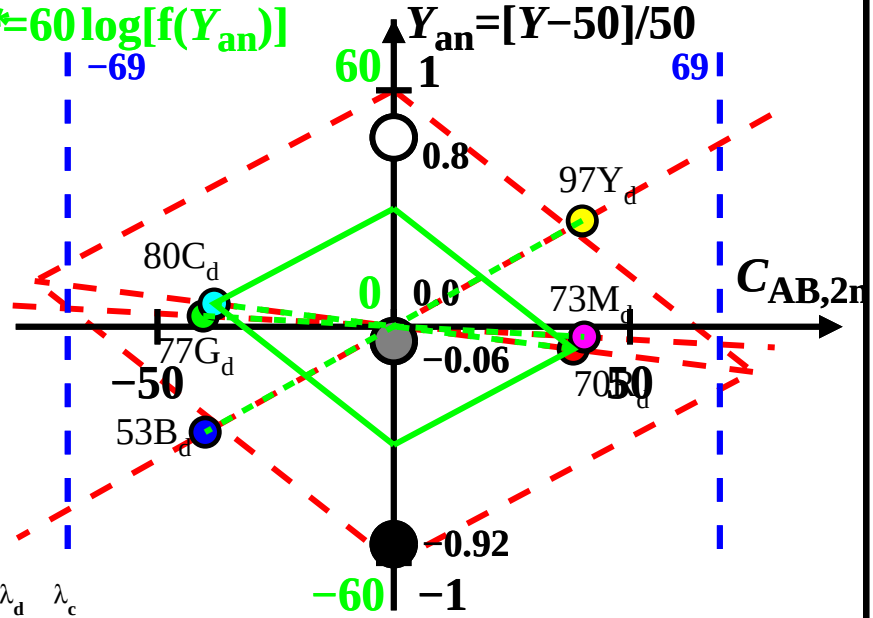
6 *Ostwald*-Farben (o)

von maximalem (m) C_{AB} im

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

Lichtart E00, Y_W=100, Y_N=50

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570_775	82.79	70.26	50.12	0.4074	0.3458	598	489
Y_d	494_775	91.73	97.45	53.1	0.3786	0.4022	573	463
G_d	494_570	59.04	77.29	53.07	0.3117	0.408	536	536c
C_d	380_570	67.35	79.88	100.02	0.2724	0.323	489	598
B_d	380_494	58.41	52.69	97.05	0.2806	0.2531	463	573
M_d	570_494	91.1	72.85	97.07	0.349	0.2791	536c	536
W_d	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N_d	380_775	50.0	50.0	50.0	0.3333	0.3333	50%	
Z_d	380_775	18.0	18.0	18.0	0.3333	0.3333	18%	



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

n nähert sich 1 für:

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

Parameter:

Y & Name

Lichtart E00

Y_W=100, Y_N=50

BGP91−5A