XYZ_W=97.45 , 100.0 , 95.98

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

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

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

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

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

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

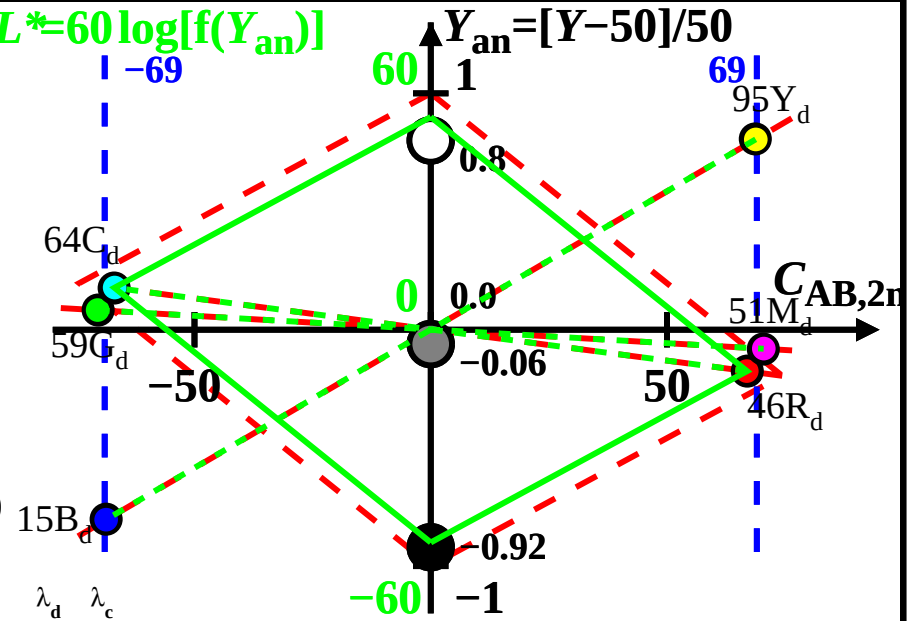
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) C_{AB} im

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

Lichtart P55, Y_W=100, Y_N=10



Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	569_775	67.41	46.23	9.73	0.5463	0.3747	597	490
Y_d	494_775	83.23	95.26	15.02	0.43	0.4922	572	464
G_d	494_569	25.67	59.13	14.98	0.2572	0.5926	536	536c
C_d	380_569	39.9	63.87	95.94	0.1997	0.3198	490	597
B_d	380_494	24.07	14.84	90.66	0.1857	0.1145	464	572
M_d	569_494	81.63	50.97	90.7	0.3655	0.2282	536c	536
W_d	380_775	97.45	100.0	95.98	0.3321	0.3407	100%	
N_d	380_775	9.74	10.0	9.59	0.3321	0.3407	10%	
Z_d	380_775	17.54	18.0	17.27	0.3321	0.3407	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 P55

Y_W=100, Y_N=10

BGP21−2A