XYZ_W=108.04 , 100.0 , 39.55

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 2{,}500$

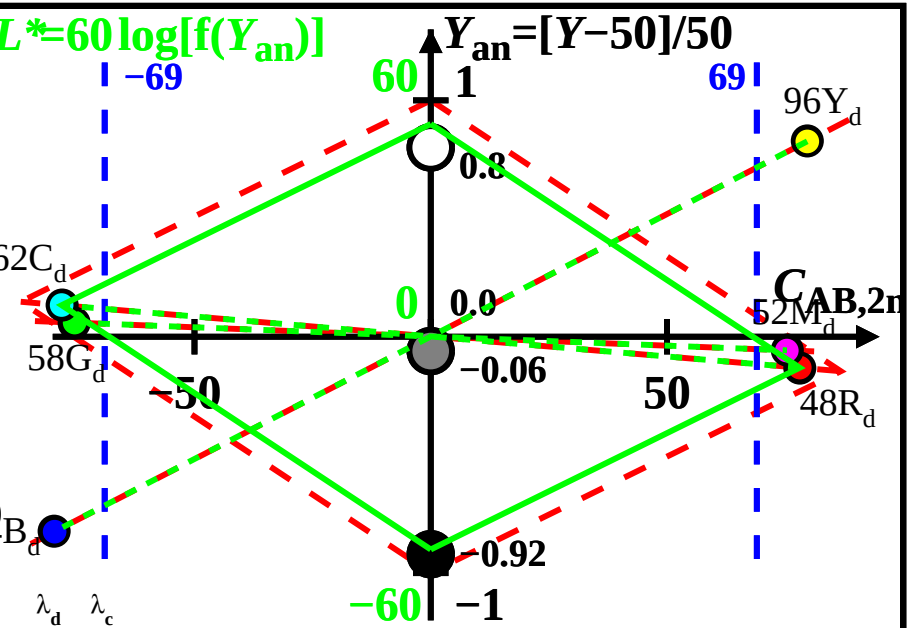
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) C_{AB} im

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

Lichtart P30, Y_W=100, Y_N=10



Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	578_775	81.18	48.44	4.03	0.6074	0.3624	604	498
Y_d	503_775	102.6	196.33	6.3	0.4999	0.4693	580	473
G_d	503_578	32.34	57.98	6.26	0.3348	0.6003	546	546c
C_d	380_578	37.77	61.66	39.51	0.2718	0.4437	498	604
B_d	380_503	16.34	13.77	37.24	0.2426	0.2045	473	580
M_d	578_503	86.62	52.12	37.28	0.492	0.2961	546c	546
W_d	380_775	108.04	100.0	39.55	0.4363	0.4038	100%	
N_d	380_775	10.8	10.0	3.95	0.4363	0.4038	10%	
Z_d	380_775	19.44	18.0	7.11	0.4363	0.4038	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 P30

Y_W=100, Y_N=10