XYZ_W=103.66 , 99.99 , 52.43

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 1{,}800$

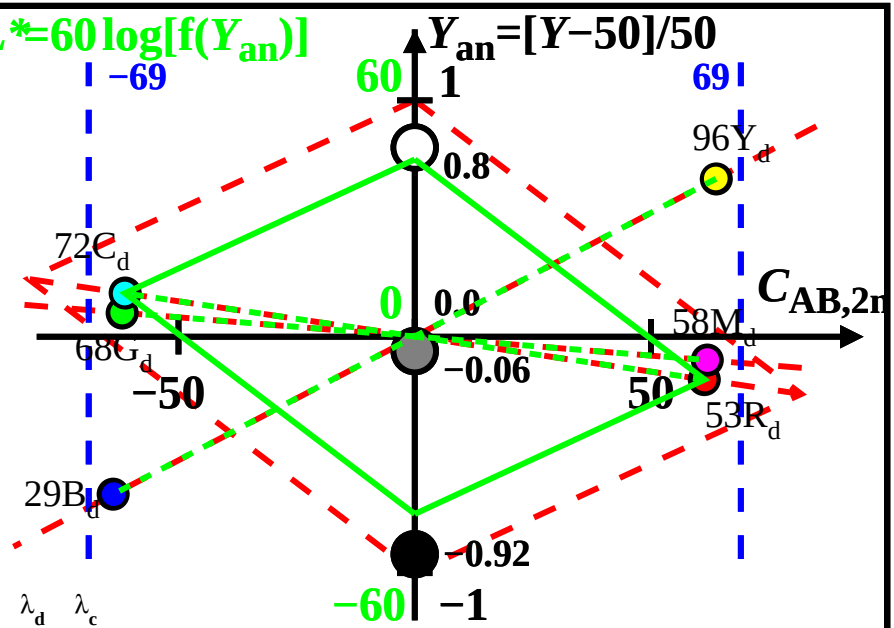
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) C_{AB} im

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

Lichtart P35, Y_W=100, Y_N=25



Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	575_775	78.39	53.43	13.18	0.5405	0.3684	605	496
Y_d	500_775	97.51	95.91	14.99	0.4678	0.4601	578	472
G_d	500_575	45.14	67.58	14.97	0.3535	0.5292	548	548c
C_d	380_575	51.32	71.69	52.41	0.2925	0.4086	496	605
B_d	380_500	32.19	29.2	50.6	0.2874	0.2607	472	578
M_d	575_500	84.57	57.54	50.63	0.4387	0.2985	548c	548
W_d	380_775	103.66	99.99	52.43	0.4047	0.3904	100%	
N_d	380_775	25.91	24.99	13.1	0.4047	0.3904	25%	
Z_d	380_775	18.66	18.0	9.43	0.4047	0.3904	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 P35

Y_W=100, Y_N=25

BGP31−6A