XYZ_W=115.18 , 100.0 , 26.59

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

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

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

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

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

$x_c = 0{,}110,\ B_c = 3{,}700$

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

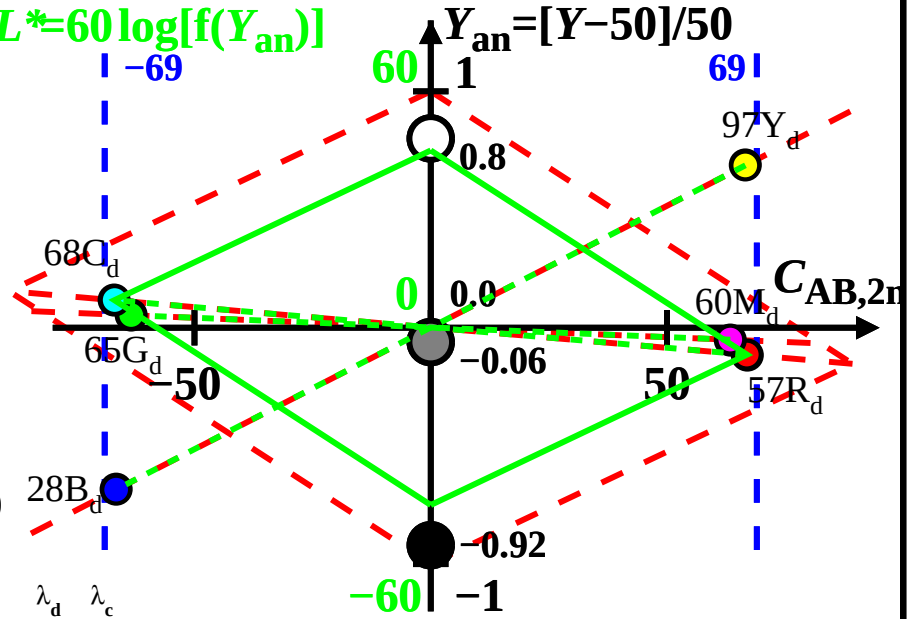
6 *Ostwald*-Farben (o)

von maximalem (m) C_{AB} im

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

Lichtart P25, Y_W=100, Y_N=25

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	582_775	91.03	56.79	6.7	0.589	0.3675	608	502
Y_d	506_775	112.29	96.85	7.84	0.5175	0.4463	583	478
G_d	506_582	50.16	65.15	7.81	0.4073	0.5291	552	552c
C_d	380_582	53.08	68.32	26.57	0.3587	0.4617	502	608
B_d	380_506	31.83	28.27	25.43	0.3721	0.3305	478	583
M_d	582_506	93.95	59.97	25.45	0.5237	0.3343	552c	552
W_d	380_775	115.18	100.0	26.59	0.4764	0.4136	100%	
N_d	380_775	28.79	25.0	6.64	0.4764	0.4136	25%	
Z_d	380_775	20.73	18.0	4.78	0.4764	0.4136	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 P25

Y_W=100, Y_N=25

BGP31−8A