$XYZ_{W,10}$=111.15 , 99.99 , 35.19

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

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

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

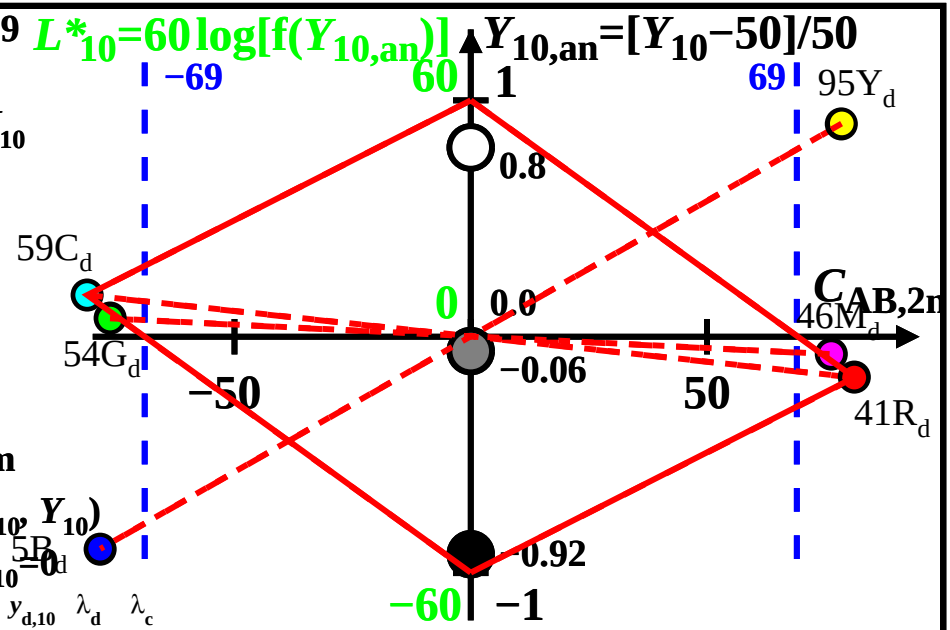
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB,2,10}$, Y_{10})

Lichtart A00, $Y_{W,10}$=100, $Y_{N,10}$=0



Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	575_775	76.86	41.39	0.07	0.6496	0.3498	606	493
Y_d	498_775	105.73	95.07	2.27	0.5206	0.4681	577	469
G_d	498_575	29.08	53.88	2.27	0.3412	0.6321	546	546c
C_d	380_575	34.5	58.8	35.19	0.2685	0.4576	493	606
B_d	380_498	5.63	5.12	32.99	0.1288	0.117	469	577
M_d	575_498	82.28	46.31	32.99	0.5091	0.2865	546c	546
W_d	380_775	111.15	99.99	35.19	0.4511	0.4059	100%	
N_d	380_775	0.11	0.09	0.03	0.451	0.4057	0%	
Z_d	380_775	20.0	18.0	6.33	0.4511	0.4059	18%	

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

n nähert sich 1 für:

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

Parameter:

Y_{10} & Name

Lichtart A00

$Y_{W,10}$=100, $Y_{N,10}$=0

BGQ51−4A