$XYZ_{W,10}$=109.29 , 99.99 , 39.19

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

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

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

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

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

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

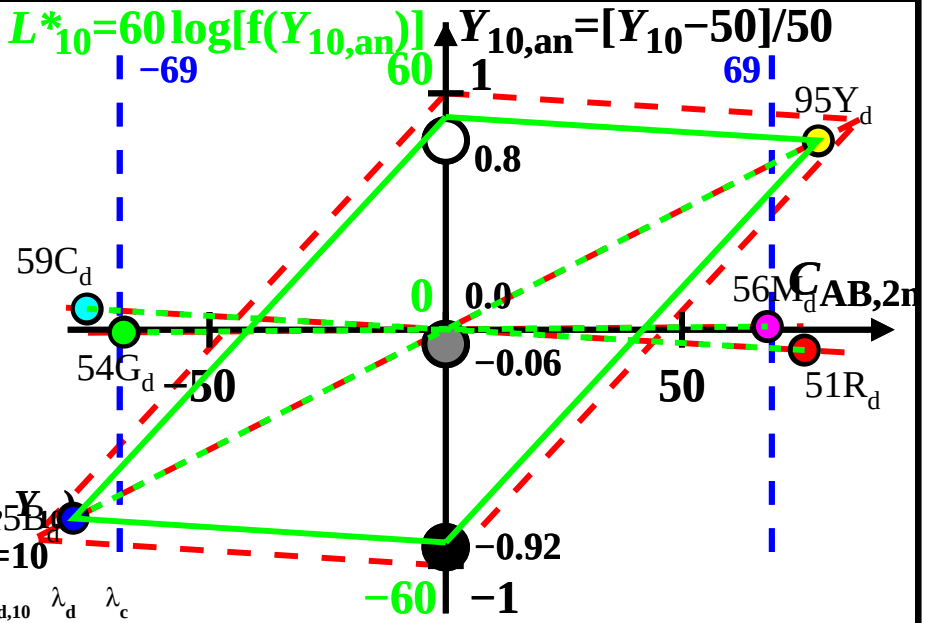
$C_{AB2,10}=[A_{2,10}^2+B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

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

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

Lichtart P30, $Y_{W,10}$=100, $Y_{N,10}$=10



Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	574_775	82.51	50.69	3.95	0.6015	0.3695	602	491
Y_d	497_775	103.81	95.02	5.9	0.507	0.4641	577	469
G_d	497_574	32.33	54.43	5.9	0.3488	0.5873	542	542c
C_d	380_574	37.82	59.41	39.2	0.2772	0.4354	491	602
B_d	380_497	16.53	15.08	37.25	0.24	0.219	469	577
M_d	574_497	88.01	55.67	37.25	0.4864	0.3077	542c	542
W_d	380_775	109.29	99.99	39.19	0.4398	0.4024	100%	
N_d	380_775	10.92	9.99	3.91	0.4398	0.4024	10%	
Z_d	380_775	19.67	17.99	7.05	0.4398	0.4024	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 P30

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

BGQ20−7A