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

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

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

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

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

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

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

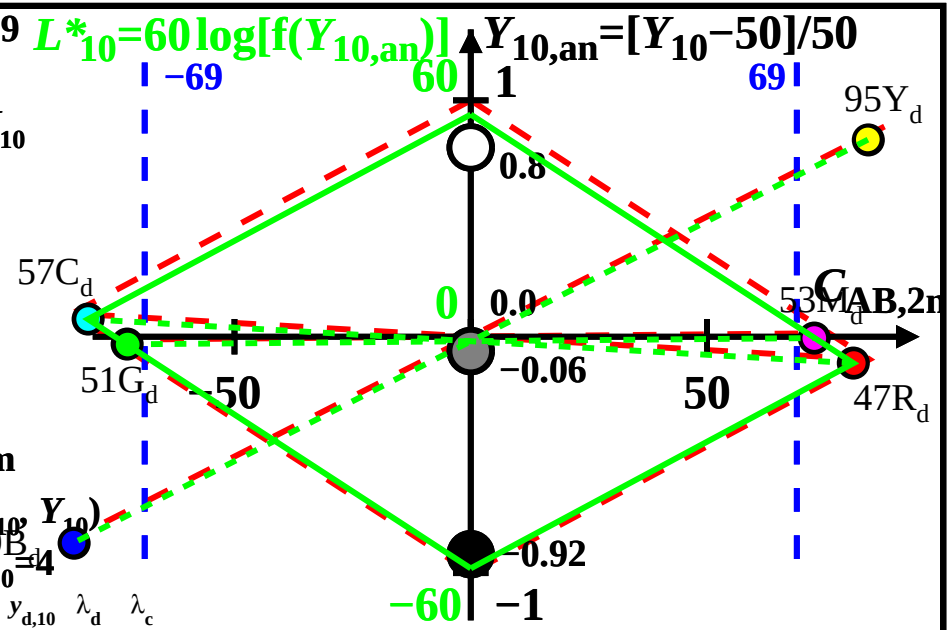
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

6 *Ostwald*-Farben (o)

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

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

Lichtart P30, $Y_{W,10}$=100, $Y_{N,10}$=4



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	80.72	47.39	1.6	0.6222	0.3653	602	491
Y_d	497_775	103.44	94.68	3.68	0.5125	0.4691	577	469
G_d	497_574	27.19	51.39	3.68	0.3305	0.6246	542	542c
C_d	380_574	33.05	56.7	39.2	0.2563	0.4397	491	602
B_d	380_497	10.33	9.41	37.12	0.1817	0.1655	469	577
M_d	574_497	86.58	52.71	37.12	0.4907	0.2987	542c	542
W_d	380_775	109.29	99.99	39.19	0.4398	0.4024	100%	
N_d	380_775	4.37	3.99	1.56	0.4398	0.4024	4%	
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, $Y_{N,10}$=4

BGQ11−7A