$XYZ_{W,10}$=97.09 , 99.99 , 104.01

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

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

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

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

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

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

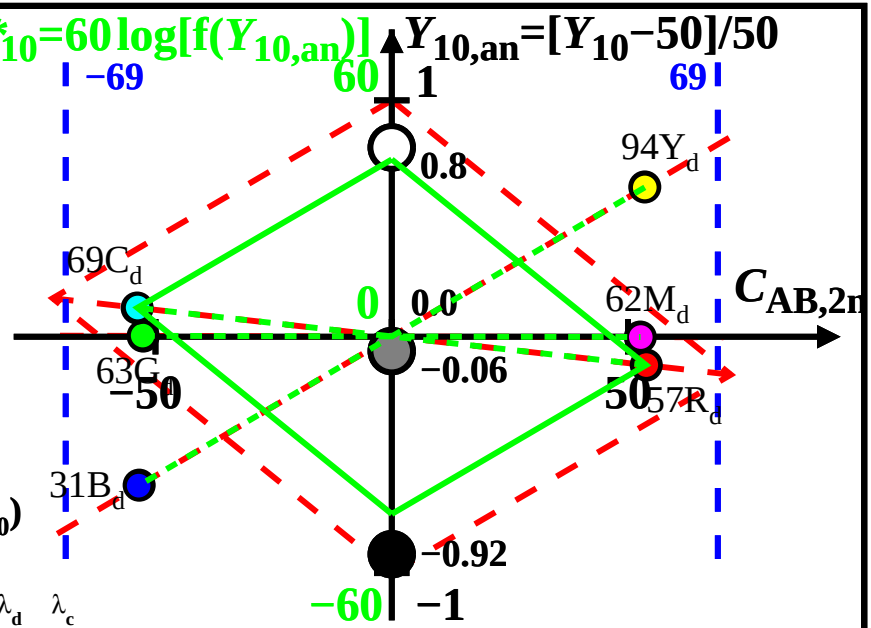
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

6 *Ostwald*-Farben (o)

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

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

Lichtart P60, $Y_{W,10}$=100, $Y_{N,10}$=25



Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	563_775	71.98	56.5	26.1	0.4656	0.3654	592	482
Y_d	487_775	84.02	94.09	30.97	0.4018	0.45	567	460
G_d	487_563	36.41	62.68	30.97	0.2799	0.4819	528	528c
C_d	380_563	49.5	68.62	104.04	0.2228	0.3088	482	592
B_d	380_487	37.46	31.03	99.18	0.2234	0.185	460	567
M_d	563_487	85.07	62.43	99.18	0.3448	0.253	528c	528
W_d	380_775	97.09	99.99	104.01	0.3224	0.3321	100%	
N_d	380_775	24.27	24.99	26.0	0.3224	0.3321	25%	
Z_d	380_775	17.47	17.99	18.72	0.3224	0.3321	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 P60

$Y_{W,10}$=100, $Y_{N,10}$=25

BGQ31−1A