$XYZ_{W,10}$=99.99 , 99.99 , 100.0

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 0{,}900$

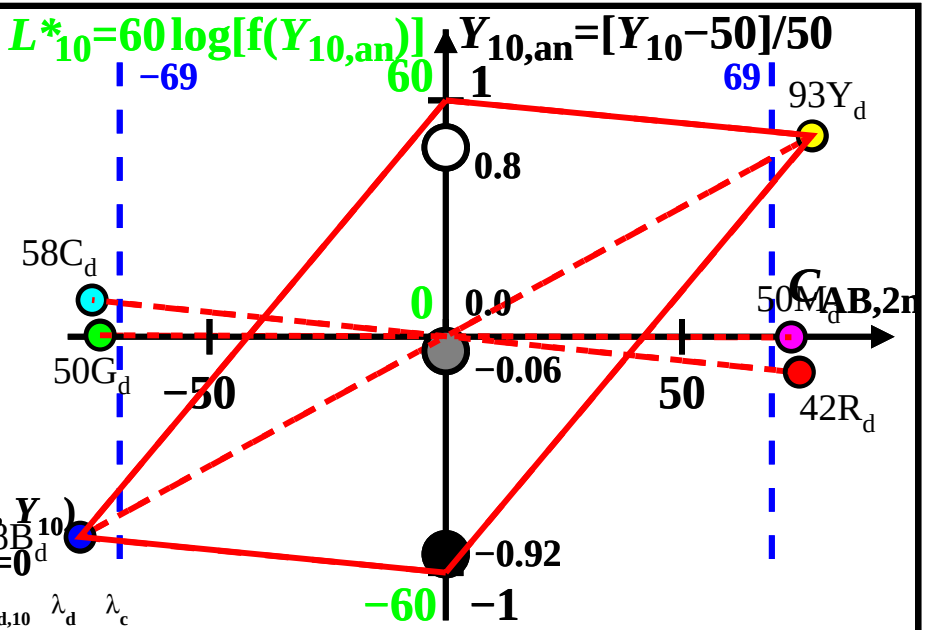
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

6 *Ostwald*-Farben (o)

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

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

Lichtart E00, $Y_{W,10}$=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	564_775	66.2	42.43	0.2	0.6082	0.3898	594	482
Y_d	487_775	83.17	92.54	6.46	0.4565	0.5079	568	459
G_d	487_564	17.17	50.3	6.46	0.2322	0.6803	530	530c
C_d	380_564	33.98	57.76	100.0	0.1772	0.3012	482	594
B_d	380_487	17.01	7.65	93.74	0.1436	0.0646	459	568
M_d	564_487	83.01	49.89	93.74	0.3662	0.2201	530c	530
W_d	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N_d	380_775	0.09	0.09	0.1	0.3331	0.3332	0%	
Z_d	380_775	17.99	17.99	18.0	0.3333	0.3333	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 E00

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

BGQ50−5A