$XYZ_{W,10}$=104.71 , 99.99 , 52.16

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 1{,}800$

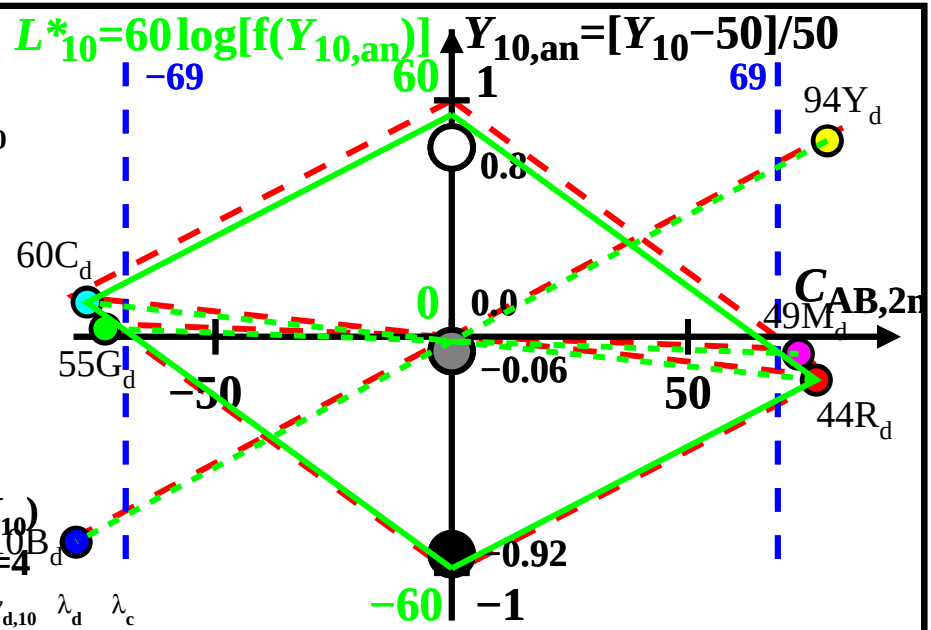
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in

linear colour space ($C_{AB,2,10}$, Y_{10})

Illumin. P35, $Y_{W,10}$=100, $Y_{N,10}$=4



Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	571_775	73.72	43.85	2.13	0.6158	0.3663	601	489
Y_d	494_775	96.73	94.47	5.3	0.4922	0.4807	574	466
G_d	494_571	27.3	54.71	5.3	0.3126	0.6265	540	540c
C_d	380_571	35.28	60.24	52.16	0.2389	0.4079	489	601
B_d	380_494	12.27	9.63	49.0	0.1731	0.1358	466	574
M_d	571_494	81.7	49.39	49.0	0.4536	0.2742	540c	540
W_d	380_775	104.71	99.99	52.16	0.4076	0.3892	100%	
N_d	380_775	4.18	3.99	2.08	0.4076	0.3892	4%	
Z_d	380_775	18.84	17.99	9.38	0.4076	0.3892	18%	

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

n increases to 1 for:

1. decreasing of the contrast *C*
2. adjacent compared to separate colours.

Parameter:

Y_{10} & Name

Illuminant P35

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