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

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

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

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

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

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

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

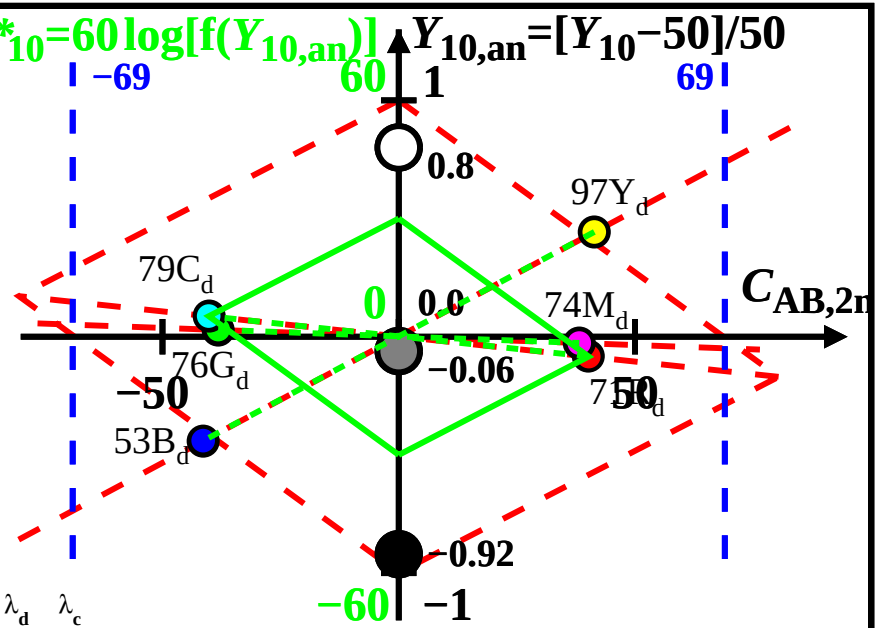
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

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, $Y_{N,10}$=50



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	88.62	70.8	26.13	0.4775	0.3815	601	489
Y_d	494_775	100.61	97.16	27.78	0.446	0.4307	574	466
G_d	494_571	64.44	76.45	27.78	0.382	0.4532	540	540c
C_d	380_571	68.6	79.34	52.18	0.3427	0.3964	489	601
B_d	380_494	56.61	52.98	50.53	0.3535	0.3308	466	574
M_d	571_494	92.78	73.69	50.53	0.4275	0.3395	540c	540
W_d	380_775	104.71	99.99	52.16	0.4076	0.3892	100%	
N_d	380_775	52.35	49.99	26.08	0.4076	0.3892	50%	
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, $Y_{N,10}$=50