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

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

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

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

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

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

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

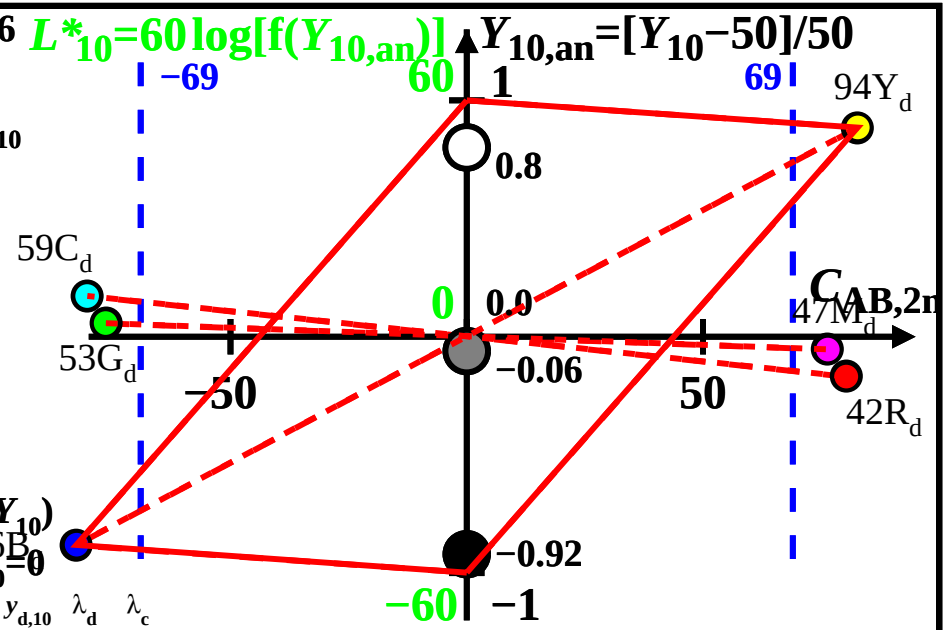
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

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, $Y_{N,10}$=0



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	72.46	41.57	0.1	0.6348	0.3642	601	489
Y_d	494_775	96.4	94.24	3.39	0.4968	0.4856	574	466
G_d	494_571	24.15	52.86	3.39	0.3003	0.6574	540	540c
C_d	380_571	32.45	58.62	52.16	0.2265	0.4092	489	601
B_d	380_494	8.51	5.95	48.86	0.1344	0.094	466	574
M_d	571_494	80.77	47.33	48.86	0.4563	0.2674	540c	540
W_d	380_775	104.71	99.99	52.16	0.4076	0.3892	100%	
N_d	380_775	0.1	0.09	0.05	0.4074	0.3891	0%	
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, $Y_{N,10}$=0

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