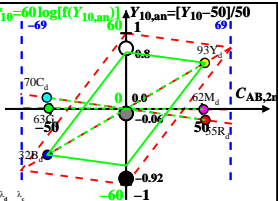


$XYZ_{W,10} = 97.28, 99.99, 116.14$
 $A_{2,10} = 2,5 (a_{2,10} - a_{2,n,10}) Y_{10}$
 $B_{2,10} = 2,5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / y_{10}]$
 $a_{20} = 1, b_{20} = -0,4$
 $x_c = 0,110, B_c = 0,700$
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 Ostwald colours (o)

of maximum (m) $C_{AB,10}$ in
 linear colour space ($C_{AB,2,10}, Y_{10}$)
 Illumin. C00, $Y_{W,10} = 100, Y_{N,10} = 25$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	70.18	55.16	29.15	0.4542	0.357	593	481
Y_d	486_775	82.69	92.93	33.75	0.3949	0.4438	567	461
G_d	486_561	36.93	62.87	33.75	0.2765	0.4707	530	530c
C_d	380_561	51.54	69.96	116.17	0.2168	0.2943	481	593
B_d	380_486	39.03	32.18	111.57	0.2135	0.176	461	567
M_d	561_486	84.79	62.25	111.57	0.3278	0.2407	530c	530
W_d	380_775	97.28	99.99	116.14	0.3103	0.319	100%	
N_d	380_775	24.32	24.99	29.03	0.3103	0.319	25%	
Z_d	380_775	17.51	18.0	20.9	0.3103	0.319	18%	

$L^*_{10} = 60 \log[f(Y_{10,an})]$



$f(Y_{10,an}) = \pm [1 + 10 |Y_{10,an}|^n]$
 n increases to 1 for:
 1. decreasing of the contrast C
 2. adjacent compared to separate colours.

Parameter:
 Y_{10} & Name
 Illuminant C00
 $Y_{W,10} = 100, Y_{N,10} = 25$