

$XYZ_W=109.84, 99.99, 35.58$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 B_c (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [(x - x_c) / y]$

$b_2 = b_{20} [z / y]$

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

$x_c = 0,110, B_c = 2,500$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (o)

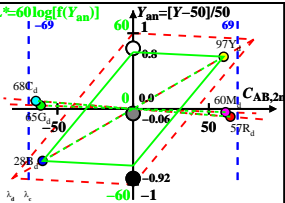
of maximum (m)  $C_{AB}$  in

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

Illumin. A00,  $Y_W=100, Y_N=25$

Name	Range	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	579_775	87.42	57.32	8.96	0.5687	0.3729	605	499
Y <sub>d</sub>	504_775	105.84	97.01	10.68	0.4956	0.4543	581	474
G <sub>d</sub>	504_579	45.99	64.78	10.65	0.3787	0.5335	547	547c
C <sub>d</sub>	380_579	50.02	67.79	35.56	0.3261	0.442	499	605
B <sub>d</sub>	380_504	31.6	28.11	33.84	0.3377	0.3004	474	581
M <sub>d</sub>	579_504	91.45	60.34	33.87	0.4925	0.3249	547c	547
W <sub>d</sub>	380_775	109.84	99.99	35.58	0.4475	0.4074	100%	
N <sub>d</sub>	380_775	27.46	24.99	8.89	0.4475	0.4074	25%	
Z <sub>d</sub>	380_775	19.77	17.99	6.4	0.4475	0.4074	18%	

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



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

- $n$  increases to 1 for:
1. decreasing of the contrast  $C$
  2. adjacent compared to separate colours.

Parameter:  
**Y & Name**  
**Illuminant A00**  
 $Y_W=100, Y_N=25$