

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

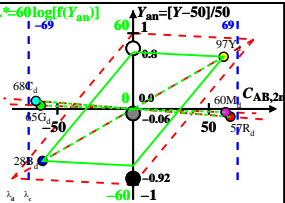
von maximalem (m) C_{AB}

linearen Farbenraum ($C_{AB,2r} Y$)

Lichtart A00, $Y_W=100, Y_N=25$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	579_775	87.42	57.32	8.96	0.5687	0.3729	605	499
Y _d	504_775	105.84	97.01	10.68	0.4956	0.4543	581	474
G _d	504_579	45.99	64.78	10.65	0.3787	0.5335	547	547c
C _d	380_579	50.02	67.79	35.56	0.3261	0.442	499	605
B _d	380_504	31.6	28.11	33.84	0.3377	0.3004	474	581
M _d	579_504	91.45	60.34	33.87	0.4925	0.3249	547c	547
W _d	380_775	109.84	99.99	35.58	0.4475	0.4074	100%	
N _d	380_775	27.46	24.99	8.89	0.4475	0.4074	25%	
Z _d	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 nähert sich 1 für:

1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

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