

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

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

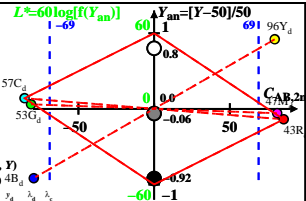
6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

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

Lichtart A00, $Y_W=100, Y_N=0$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R	579_775	79.94	43.12	0.11	0.6489	0.3501	605	499
Y	504_775	104.4895	98	2.4	0.515	0.4731	581	474
G	504_579	24.75	53.05	2.36	0.3087	0.6617	547	547c
C	380_579	30.12	57.07	35.54	0.2454	0.4649	499	605
B	380_504	5.58	4.21	33.25	0.1297	0.0978	474	581
M	579_504	85.31	47.14	33.29	0.5147	0.2844	547c	547
W	380_775	109.8499	99	35.58	0.4475	0.4074	100%	
N	380_775	0.1	0.09	0.03	0.4473	0.4072	0%	
Z	380_775	19.77	17.99	6.4	0.4475	0.4074	18%	



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

n nähert sich 1 für:

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

Parameter:
 Y & Name
 Lichtart A00
 $Y_W=100, Y_N=0$