

$XYZ_W = 103.66, 99.99, 52.43$

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

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

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

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

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

$x_c = 0,110, B_c = 1,800$

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

6 Ostwald-Farben (o)

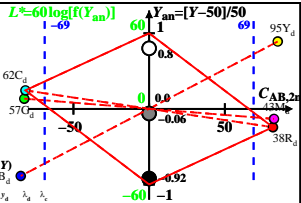
von maximalem (m) C_{AB} im

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

Lichtart P35, $Y_W = 100, Y_N = 0$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	575_775	69.96	37.93	0.14	0.6475	0.3511	605	496
Y _d	500_775	95.43	94.52	2.55	0.4957	0.491	578	472
G _d	500_575	25.67	56.78	2.51	0.3021	0.6682	548	548c
C _d	380_575	33.9	62.26	52.39	0.2282	0.419	496	605
B _d	380_500	8.43	5.67	49.98	0.1316	0.0884	472	578
M _d	575_500	78.19	43.41	50.02	0.4556	0.2529	548c	548
W _d	380_775	103.66	99.99	52.43	0.4047	0.3904	100%	
N _d	380_775	0.1	0.09	0.05	0.4046	0.3903	0%	
Z _d	380_775	18.66	18.0	9.43	0.4047	0.3904	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 P35
 $Y_W = 100, Y_N = 0$