

$XYZ_w = 102.06, 100.0, 81.06$

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

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

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

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

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

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

$x_c = 0,110, B_c = 1,000$

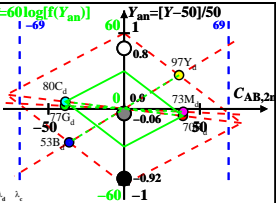
$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im
linearen Farbenraum ($C_{AB,2r} Y$)

Lichtart P00, $Y_w = 100, Y_N = 50$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	572_775	85.59	70.37	40.63	0.4353	0.3579	600	491
Y _d	496_775	95.45	97.28	42.56	0.4056	0.4134	575	467
G _d	496_572	60.99	77.01	42.54	0.3378	0.4265	541	541c
C _d	380_572	67.65	79.77	81.07	0.296	0.3491	491	600
B _d	380_496	57.8	52.86	79.14	0.3045	0.2784	467	575
M _d	572_496	92.26	73.13	79.17	0.3772	0.299	541c	541
W _d	380_775	102.06	100.0	81.06	0.3604	0.3531	100%	
N _d	380_775	51.03	50.0	40.53	0.3604	0.3531	50%	
Z _d	380_775	18.37	18.0	14.59	0.3604	0.3531	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 P00
 $Y_w = 100, Y_N = 50$