

$XYZ_W=102.06, 100.0, 81.06$

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

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

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

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

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

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

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

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

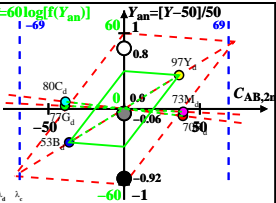
6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$

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

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

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