

$XYZ_W=108.04, 100.0, 39.55$

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

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

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

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

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

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

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

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

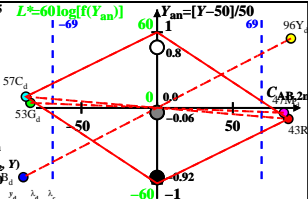
6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

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

Lichtart P30, $Y_W=100, Y_N=0$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	578_775	78.22	42.76	0.12	0.6459	0.353	604	498
Y _d	503_775	102.0195	91	2.64	0.5086	0.4782	580	473
G _d	503_578	24.0	53.35	2.59	0.3001	0.6672	546	546c
C _d	380_578	30.03	57.43	39.5	0.2365	0.4523	498	604
B _d	380_503	6.24	4.28	36.98	0.1314	0.0901	473	580
M _d	578_503	84.25	46.84	37.03	0.5011	0.2786	546c	546
W _d	380_775	108.041000	39.55		0.4363	0.4038	100%	
N _d	380_775	0.1	0.1	0.03	0.4361	0.4037	0%	
Z _d	380_775	19.44	18.0	7.11	0.4363	0.4038	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 P30

$Y_W=100, Y_N=0$