

$XYZ_w = 98.07, 100.0, 118.22$

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

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

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

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

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

$x_c = 0,110, B_c = 0,700$

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

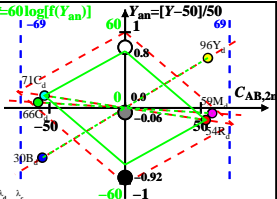
6 Ostwald-Farben (o)

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

Lichtart C00, $Y_w = 100, Y_n = 25$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	567_775	70.45	54.48	29.71	0.4555	0.3523	596	487
Y _d	492_775	83.38	95.54	34.86	0.39	0.4468	571	463
G _d	492_567	37.54	66.15	34.83	0.2709	0.4775	535	535c
C _d	380_567	52.25	70.63	118.21	0.2167	0.2929	487	596
B _d	380_492	39.32	29.58	113.06	0.2161	0.1625	463	571
M _d	567_492	85.17	58.96	113.09	0.3311	0.2292	535c	535
W _d	380_775	98.07	100.0	118.22	0.31	0.3161	100%	
N _d	380_775	24.51	25.0	29.55	0.31	0.3161	25%	
Z _d	380_775	17.65	18.0	21.28	0.31	0.3161	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 C00

$Y_w = 100, Y_n = 25$