

$XYZ_W=102.06, 100.0, 81.06$

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

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

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

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

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

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

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

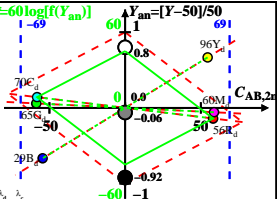
6 Ostwald-Farben (o)

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

Lichtart P00,  $Y_W=100, Y_N=25$

Name	Bereich	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	572_775	77.3	55.51	20.38	0.5046	0.3623	600	491
Y <sub>d</sub>	496_775	92.09	95.88	23.27	0.4359	0.4538	575	467
G <sub>d</sub>	496_572	40.4	65.47	23.24	0.3129	0.507	541	541c
C <sub>d</sub>	380_572	50.4	69.61	81.04	0.2506	0.3462	491	600
B <sub>d</sub>	380_496	35.61	29.24	78.15	0.249	0.2044	467	575
M <sub>d</sub>	572_496	87.3	59.65	78.18	0.3877	0.2649	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	25.51	25.0	20.26	0.3604	0.3531	25%	
Z <sub>d</sub>	380_775	18.37	18.0	14.59	0.3604	0.3531	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 P00

$Y_W=100, Y_N=25$