

$XYZ_W = 95.04, 100.0, 108.89$

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

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

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

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

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

$x_c = 0,110, B_c = 0,800$

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

6 Ostwald-Farben (o)

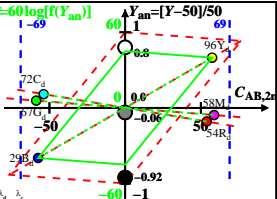
von maximalem (m)  $C_{AB}$

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

Lichtart D65,  $Y_W = 100, Y_N = 25$

Name	Bereich	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	567_775	68.53	53.5	27.36	0.4587	0.3581	596	489
Y <sub>d</sub>	493_775	81.63	95.72	32.39	0.3892	0.4563	570	463
G <sub>d</sub>	493_567	36.95	67.31	32.35	0.2704	0.4927	535	535c
C <sub>d</sub>	380_567	50.39	71.62	108.88	0.2182	0.3101	489	596
B <sub>d</sub>	380_493	37.28	29.4	103.85	0.2186	0.1724	463	570
M <sub>d</sub>	567_493	81.96	57.8	103.89	0.3363	0.2372	535c	535
W <sub>d</sub>	380_775	95.04	100.0	108.89	0.3127	0.329	100%	
N <sub>d</sub>	380_775	23.76	25.0	27.22	0.3127	0.329	25%	
Z <sub>d</sub>	380_775	17.1	18.0	19.6	0.3127	0.329	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 D65

$Y_W = 100, Y_N = 25$