

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

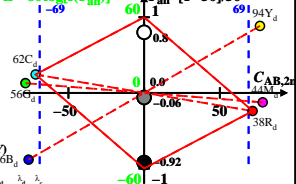
von maximalem (m)  $C_{AB}$  im

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

Lichtart D65,  $Y_W=100, Y_N=0$

Name	Bereich	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	567_775	59.7	38.03	0.26	0.6092	0.388	596	489
Y <sub>d</sub>	493_775	77.15	94.26	6.95	0.4325	0.5284	570	463
G <sub>d</sub>	493_567	17.64	56.43	6.9	0.2178	0.6968	535	535c
C <sub>d</sub>	380_567	35.53	62.16	108.84	0.172	0.3009	489	596
B <sub>d</sub>	380_493	18.08	5.93	102.15	0.1433	0.047	463	570
M <sub>d</sub>	567_493	77.59	43.76	102.2	0.347	0.1957	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	0.09	0.1	0.1	0.3126	0.3289	0%	
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

$Y_W=100, Y_N=0$