

$XYZ_{W,10} = 99.99, 99.99, 100.0$

$A_{2,10} = 2,5 (a_{2,10} - a_{2,n,10}) Y_{10}$

$B_{2,10} = 2,5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$

$a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$

$b_{2,10} = b_{20} [z_{10} / y_{10}]$

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

$x_c = 0,110, B_c = 0,900$

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 Ostwald-Farben (o)

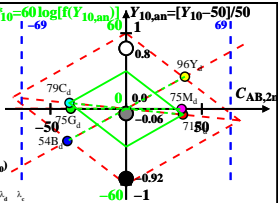
von maximalem (m) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB,2,10}, Y_{10}$)

Lichtart E00, $Y_{W,10} = 100, Y_{N,10} = 50$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R _d	564_775	83.13	71.23	50.1	0.4065	0.3484	594	482
Y _d	487_775	91.62	96.31	53.24	0.3799	0.3993	568	459
G _d	487_564	58.59	75.17	53.24	0.3133	0.402	530	530c
C _d	380_564	67.0	78.91	100.05	0.2724	0.3208	482	594
B _d	380_487	58.5	53.83	96.92	0.2795	0.2572	459	568
M _d	564_487	91.54	74.97	96.92	0.3474	0.2845	530c	530
W _d	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N _d	380_775	49.99	49.99	50.0	0.3333	0.3333	50%	
Z _d	380_775	17.99	17.99	18.0	0.3333	0.3333	18%	

$L^*_{10} = 60 \log[f(Y_{10,an})]$ $Y_{10,an} = [Y_{10} - 50] / 50$



$f(Y_{10,an}) = \pm [1 + 10 |Y_{10,an}|^n]$
 n nähert sich 1 für:

1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
 Y_{10} & Name
 Lichtart E00
 $Y_{W,10} = 100, Y_{N,10} = 50$