

$XYZ_{W,10} = 102.37, 99.99, 81.25$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

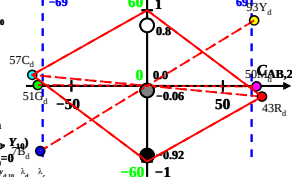
von maximalem (m) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB,2,10} \cdot \frac{Y_{10}}{Y_d}$)

Lichtart P00, $Y_{W,10} = 100, Y_{N,10} = 0$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R _d	567_775	69.98	42.93	0.16	0.6189	0.3796	597	484
Y _d	489_775	88.89	93.25	5.23	0.4743	0.4976	571	461
G _d	489_567	19.1	50.52	5.23	0.2551	0.6748	533	533c
C _d	380_567	32.59	57.26	81.25	0.1904	0.3346	484	597
B _d	380_489	13.68	6.94	76.17	0.1414	0.0717	461	571
M _d	567_489	83.47	49.67	76.17	0.3987	0.2373	533c	533
W _d	380_775	102.37	99.99	81.25	0.3609	0.3525	100%	
N _d	380_775	0.1	0.09	0.08	0.3608	0.3524	0%	
Z _d	380_775	18.42	18.0	14.62	0.3609	0.3525	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 P00
 $Y_{W,10} = 100, Y_{N,10} = 0$