

$XYZ_{W,10} = 97.28, 99.99, 116.14$

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

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

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

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

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

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

$x_c = 0,110, B_c = 0,700$

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

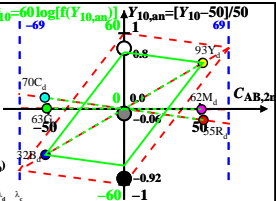
6 Ostwald-Farben (o)

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

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

Lichtart C00, $Y_{W,10} = 100, Y_{N,10} = 25$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	70.18	55.16	29.15	0.4542	0.357	593	481
Y_d	486_775	82.69	92.93	33.75	0.3949	0.4438	567	461
G_d	486_561	36.93	62.87	33.75	0.2765	0.4707	530	530c
C_d	380_561	51.54	69.96	116.17	0.2168	0.2943	481	593
B_d	380_486	39.03	32.18	111.57	0.2135	0.176	461	567
M_d	561_486	84.79	62.25	111.57	0.3278	0.2407	530c	530
W_d	380_775	97.28	99.99	116.14	0.3103	0.319		100%
N_d	380_775	24.32	24.99	29.03	0.3103	0.319		25%
Z_d	380_775	17.51	18.0	20.9	0.3103	0.319		18%



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

- n nähert sich 1 für:
1. abnehmendem Kontrast C
 2. aneinandergrenzende / separate Farben.

Parameter:
 Y_{10} & Name
 Lichtart C00
 $Y_{W,10} = 100, Y_{N,10} = 25$