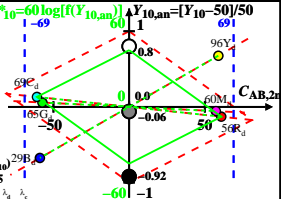


$XYZ_{W,10} = 111.15, 99.99, 35.19$   
 $A_{2,10} = 2,5 (a_{2,10} - a_{2,n,10}) Y_{10}$   
 $B_{2,10} = 2,5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / y_{10}]$   
 $a_{20} = 1, b_{20} = -0,4$   
 $x_c = 0,110, B_c = 2,500$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

**6 Ostwald-Farben (o)**  
 von maximalem (m)  $C_{AB,10}$  im  
 linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )  
 Lichtart A00,  $Y_{W,10} = 100, Y_{N,10} = 25$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	575_775	85.43	56.02	8.83	0.5684	0.3727	606	493
Y <sub>d</sub>	498_775	107.11	96.32	10.48	0.5006	0.4502	577	469
G <sub>d</sub>	498_575	49.57	65.4	10.48	0.3951	0.5213	546	546c
C <sub>d</sub>	380_575	53.63	69.1	35.2	0.3395	0.4374	493	606
B <sub>d</sub>	380_498	31.96	28.79	33.55	0.3389	0.3052	469	577
M <sub>d</sub>	575_498	89.5	59.71	33.55	0.4896	0.3267	546c	546
W <sub>d</sub>	380_775	111.15	99.99	35.19	0.4511	0.4059	100%	
N <sub>d</sub>	380_775	27.78	24.99	8.79	0.4511	0.4059	25%	
Z <sub>d</sub>	380_775	20.0	18.0	6.33	0.4511	0.4059	18%	

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



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

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

**Parameter:**  
 $Y_{10}$  & Name  
 Lichtart A00  
 $Y_{W,10} = 100, Y_{N,10} = 25$