

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

$x_c = 0,110, B_c = 2,500$

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

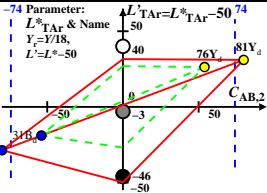
6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$

Farbenraum ( $C_{AB,2}, L^*_{TAr}$ )

$L^*_{TAr} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_r = Y/18, x = \log[Y_r]$

Lichtart A00,  $Y_W=72.0, Y_N=4.5$



-74 Parameter:  
 $L^*_{TAr}$  & Name  
 $Y_r = Y/18,$   
 $L' = L^* - 50$

Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L'_{CIE}$	$L'_{Cl}$	$L'_{TAr}$	$L'_{TAr}$
$R_n$	579_775	58.86	33.53	1.62	0.626	0.356605	499	1.446	-0.048	0.69	51.8	25.7	57.8	26	1.86	14.5	15.2	15.4	13.1	
$Y_n^o$	504_775	75.46	69.28	3.17	0.51	0.468581	474	0.854	-0.045	0.311	4.4	53.6	53.8	85	3.84	36.6	37.5	33.4	26.3	
$G_n^o$	504_579	21.53	40.25	3.15	0.331	0.619547	547	0.357	-0.078	0.546	-47.3	27.9	54.9	149	2.23	19.6	20.3	20.0	16.7	
$C_n^o$	380_579	25.17	42.96	25.59	0.268	0.458499	605	0.345	-0.595	0.539	-51.8	-25.7	57.8	206	2.38	21.5	22.2	21.6	18.0	
$B_n^o$	380_504	8.57	7.21	24.04	0.215	0.181474	581	0.581	-3.332	2.986	-4.4	-53.6	53.8	265	0.4	-17.7	-17.3	-22.7	-18.8	
$M_n^o$	579_504	62.49	36.24	24.07	0.508	0.295547	547	1.351	-0.664	0.606	47.3	-27.9	54.9	329	2.01	16.7	17.3	17.3	14.7	
$W_n^o$	380_775	79.09	71.99	25.61	0.447	0.407	72%		0.828	-0.355	0.01	0.0	0.0	0.0	0	4.0	37.9	38.8	34.4	26.9
$N_n^o$	380_775	4.94	4.49	1.6	0.447	0.407	4%		0.828	-0.355	0.01	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9
$U_n^o$	380_775	19.77	17.99	6.4	0.447	0.407	18%		0.828	-0.355	0.01	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0