

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

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

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

$L^*_{CIE} = 116(Y/100)^{1/3} - 16$  ( $Y > 0,8856$ ) oder

$L^*_{CIE} = 116[(841/108)(Y/100) + 4/29] - 16$

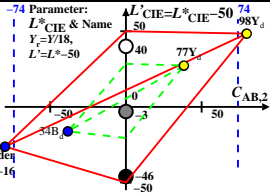
Lichtart A00,  $Y_W=54,0, Y_N=6,0$

-74 Parameter:

$L^*_{CIE}$  & Name

$Y_r = Y/18,$

$L' = L^* - 50$



Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L'_{CIE}$	$L'_{CIE}$	$L'_{TUv}$	$L'_{TAR}$
R	579_775	44.93	26.64	2.15	0.609	0.361605	499	1.381	-0.08	0.618	36.8	18.3	41.1	26	1.48	8.6	9.2	9.7	8.4	
Y <sub>o</sub>	504_775	56.73	52.06	3.25	0.506	0.464581	474	0.852	-0.062	0.294	3.1	38.1	38.3	85	2.89	27.3	28.1	26.3	21.5	
G	504_579	18.39	31.42	3.23	0.346	0.592547	547	0.399	-0.103	0.497	-33.6	19.8	39.1	149	1.74	12.8	13.5	13.8	11.8	
C <sub>o</sub>	380_579	20.97	33.35	19.19	0.285	0.453499	605	0.386	-0.575	0.493	-36.8	-18.3	41.1	206	1.85	14.4	15.0	15.3	13.0	
B	380_504	9.17	7.93	18.09	0.26	0.225474	581	0.668	-2.281	1.932	-3.1	-38.1	38.3	265	0.44	-16.1	-15.8	-20.3	-17.0	
M	579_504	47.51	28.57	18.11	0.504	0.303547	547	1.3	-0.633	0.547	33.6	-19.8	39.1	329	1.58	10.4	11.0	11.4	9.9	
W <sub>o</sub>	380_775	59.31	53.99	19.21	0.447	0.407	54%		0.828	-0.355	0.01	0.0	0.0	0	3.0	28.4	29.2	27.3	22.1	
N <sub>d</sub>	380_775	6.59	5.99	2.13	0.447	0.407	6%		0.828	-0.355	0.01	0.0	0.0	0	176	0.33	-20.5	-20.2	-27.3	-22.1
U <sub>d</sub>	380_775	19.77	17.99	6.4	0.447	0.407	18%		0.828	-0.355	0.01	0.0	0.0	0	163	1.0	-0.4	0.0	0.0	0.0