

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

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

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

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

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

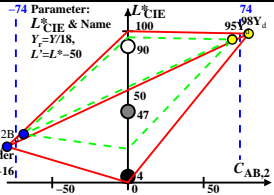
Lichtart A00,  $Y_W=90,0, Y_N=3,6$

-74 Parameter:

$L^*_{CIE}$  & Name

$Y_r = Y/18,$

$L' = L^* - 50$



Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L^*_{CIE}$	$L^*_{CIE}$	$L^*_{Tur}$	$L^*_{Tar}$
R	579_775	72.97	40.76	1.31	0.634	0.354605	499	1.479	-0.032	0.727	66.3	32.9	74.0	26	2.26	70.0	70.7	70.3	67.0	
Y <sub>n</sub>	504_775	94.21	86.52	3.29	0.511	0.47	581	474	0.854	-0.038	0.318	5.7	68.7	68.9	85	4.8	94.5	95.4	89.0	79.6
G	504_579	25.19	49.36	3.26	0.323	0.634547	547	40.337	-0.066	0.57	-60.6	35.7	70.3	149	2.74	75.6	76.4	75.0	70.6	
C <sub>n</sub>	380_579	29.84	52.83	31.98	0.26	0.46	499	605	0.326	-0.605	0.561	-66.3	-32.9	74.0	206	2.93	77.7	78.5	76.7	71.8
B	380_504	8.6	7.07	30.0	0.188	0.154474	581	0.505	-4.241	3.898	-5.7	-68.7	68.9	265	0.39	31.9	32.3	26.7	30.7	
M	579_504	77.62	44.23	30.04	0.51	0.291547	547	1.376	-0.679	0.636	60.6	-35.7	70.3	329	2.45	72.3	73.1	72.3	68.5	
W <sub>p</sub>	380_775	98.86	89.99	32.02	0.447	0.407	90%	0.828	-0.355	0.01	0.0	0.0	0.0	0	4.99	95.9	96.9	90.0	80.1	
N <sub>d</sub>	380_775	3.95	3.59	1.28	0.447	0.407	3%	0.828	-0.355	0.01	0.0	0.0	0.0	0	181	0.19	22.3	22.5	9.9	19.8
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	0.0	0	180	1.0	49.5	50.0	50.0	50.0