

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

$x_c = 0,110, B_c = 0,800$

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

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

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

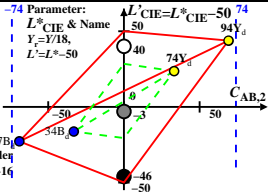
Lichtart D65,  $Y_W=54.0, Y_N=6.0$

-74 Parameter:

$L^*_{CIE}$  & Name

$Y_r = Y/18,$

$L' = L^* - 50$



Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L^*_{CIE}$	$L'_{CIE}$	$L'_{TU}$	$L'_{TA}$
R	567_775	30.89	21.77	5.9	0.527	0.371	1596	489	1.122	-0.086	0.57	27.5	14.2	31.0	27	1.2	3.7	4.3	4.7	4.1
Y <sub>n</sub>	493_775	38.44	46.11	8.79	0.411	0.493	570	463	0.61	-0.061	0.287	-0.5	33.1	33.1	91	2.56	23.6	24.3	23.3	19.3
G	493_567	12.68	29.74	8.77	0.247	0.58	535	535	0.237	-0.094	0.456	-28.1	18.8	33.9	146	1.65	11.4	12.0	12.4	10.7
C <sub>n</sub>	380_567	20.43	32.22	52.9	0.193	0.305	489	596	0.273	-0.525	0.385	-27.5	-14.2	31.0	207	1.79	13.5	14.1	14.4	12.3
B	380_493	12.87	7.88	50.0	0.181	0.111	463	570	0.646	-2.03	1.682	0.5	-33.1	33.1	271	0.43	-16.2	-15.9	-20.5	-17.2
M	567_493	38.63	24.25	50.02	0.342	0.214	535	535	1.08	-0.659	0.559	28.1	-18.8	33.9	326	1.34	6.3	6.9	7.4	6.4
W <sub>d</sub>	380_775	51.32	54.0	58.8	0.312	0.329	54%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	0	3.0	28.4	29.2	27.3	22.1
N <sub>d</sub>	380_775	5.7	6.0	6.53	0.312	0.329	6%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	178	0.33	-20.5	-20.2	-27.3	-22.1
U <sub>d</sub>	380_775	17.1	18.0	19.6	0.312	0.329	18%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0