

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

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

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

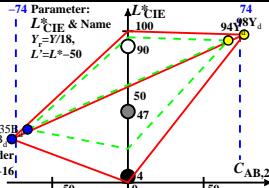
Lichtart D65,  $Y_W=90.0, Y_N=3.6$

-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	567_775	54.94	36.35	3.96	0.576	0.381596	489	1.223	-0.034	0.683	55.1	28.4	62.0	27	2.01	66.7	67.4	67.4	64.8	
Y <sub>n</sub>	493_775	70.05	85.03	9.75	0.424	0.515570	463	0.61	-0.036	0.311	-1.1	66.2	66.2	91	4.72	93.9	94.8	88.5	79.3	
G	493_567	18.53	52.28	9.71	0.23	0.649535	535	0.184	-0.059	0.519	-56.3	37.7	67.8	146	2.9	77.4	78.2	76.5	71.6	
C <sub>n</sub>	380_567	34.01	57.24	97.96	0.179	0.302489	596	0.23	-0.547	0.433	-55.1	-28.4	62.0	207	3.18	80.3	81.1	78.7	73.2	
B	380_493	18.91	8.56	92.16	0.158	0.071463	570	0.671	-3.444	3.096	1.1	-66.2	66.2	271	0.47	35.1	35.4	31.5	34.4	
M	567_493	70.43	41.31	92.2	0.345	0.202535	535	1.161	-0.714	0.656	56.3	-37.7	67.8	326	2.29	70.3	71.1	70.6	67.2	
W <sub>p</sub>	380_775	85.53	90.0	98.0	0.312	0.329	90%		0.616	-0.348	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	3.42	3.6	3.92	0.312	0.329	3%		0.616	-0.348	0.01	0.0	0.0	0.0	180	0.19	22.3	22.5	9.9	19.8
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	184	1.0	49.5	50.0	50.0	50.0