

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

$x_c = 0,110, B_c = 1,000$

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

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

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

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

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

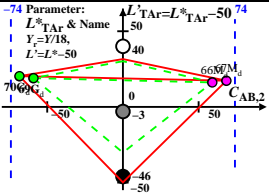
Lichtart D50,  $Y_W=90.0, Y_N=3.6$

-74 Parameter:  $L^*_{TAr} = L^*_{TAr} - 50$  74

$L^*_{TAr}$  & Name

$Y_r = Y/18,$

$L^*_{TAr} = L^*_{TAr} - 50$



Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L^*_{CIE}$	$L^*_{Clr}$	$L^*_{TAr}$	$L^*_{TAr}$
R	570_775	53.58	34.33	2.71	0.591	0.378598	491	1.27	-0.031	0.681	52.5	25.6	58.5	25	1.9	15.2	15.8	16.0	13.6	
Y <sub>n</sub>	496_775	67.74	76.35	5.98	0.451	0.508573	468	0.67	-0.031	0.299	2.5	57.0	57.0	87	4.24	40.0	40.9	35.9	27.8	
G	496_570	17.28	45.26	5.95	0.252	0.66	538	538	0.215	-0.052	0.521	-50.0	31.3	59.0	147	2.51	23.0	23.8	22.9	19.0
C <sub>n</sub>	380_570	27.64	49.9	66.78	0.191	0.345491	598	0.235	-0.535	0.469	-52.5	-25.6	58.5	205	2.77	26.0	26.7	25.3	20.7	
B	380_496	13.48	7.88	63.5	0.158	0.092468	573	0.526	-3.223	2.896	-2.5	-57.0	57.0	267	0.43	-16.2	-15.9	-20.5	-17.2	
M	570_496	63.94	38.97	63.54	0.384	0.234538	538	1.17	-0.652	0.606	50.0	-31.3	59.0	327	2.16	18.7	19.4	19.2	16.1	
W <sub>d</sub>	380_775	86.78	90.0	74.24	0.345	0.358	90%		0.657	-0.329	0.01	0.0	0.0	0.0	0	4.99	45.9	46.9	40.0	30.1
N <sub>d</sub>	380_775	3.47	3.6	2.96	0.345	0.358	3%		0.657	-0.329	0.01	0.0	0.0	0.0	181	0.19	-27.6	-27.4	-40.0	-30.1
U <sub>d</sub>	380_775	17.35	18.0	14.84	0.345	0.358	18%		0.657	-0.329	0.01	0.0	0.0	0.0	186	1.0	-0.4	0.0	0.0	0.0