

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

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

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

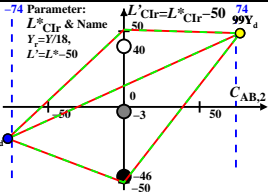
$L^*_{Clr} = L^*_{CIE}(Y) / L^*_{CIE}(18)$

-74 Parameter:

$L^*_{Clr}$  & Name

$Y_r = Y/18,$

$L' = L^* - 50$



Lichtart D65,  $Y_W=100.0, Y_N=0.1$

Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L'_{CIE}$	$L'_{Clr}$	$L'_{Tur}$	$L'_{Tar}$
R <sub>n</sub>	567_775	59.63	37.91	0.05	0.61	0.388596	489	1.289	0.0	0.758	63.8	32.9	71.8	27	2.1	17.9	18.6	18.5	15.6	
Y <sub>n</sub>	493_775	77.11	94.25	6.76	0.432	0.529570	463	0.61	-0.022	0.325	-1.3	76.7	76.7	91	5.23	47.7	48.7	41.1	30.8	
G <sub>n</sub>	493_567	17.49	56.35	6.71	0.217	0.699535	535	0.153	-0.038	0.557	-65.2	43.7	78.5	146	3.13	29.8	30.6	28.3	22.9	
C <sub>n</sub>	380_567	35.41	62.09	108.84	0.171	0.3	489	596	0.204	-0.56	0.463	-63.8	-32.9	71.8	207	3.44	32.9	33.8	30.7	24.5
B <sub>n</sub>	380_493	17.93	5.75	102.14	0.142	0.045463	570	0.711	-5.681	5.334	1.3	-76.7	76.7	271	0.31	-21.2	-20.9	-28.3	-22.9	
M <sub>n</sub>	567_493	77.55	43.65	102.18	0.347	0.195535	535	1.213	-0.749	0.719	65.2	-43.7	78.5	326	2.42	22.0	22.7	22.0	18.3	
W <sub>n</sub>	380_775	95.04	100.0	108.89	0.312	0.329	100%	0.616	-0.348	0.01	0.0	0.0	0.0	0	5.55	50.0	51.0	42.6	31.5	
N <sub>d</sub>	380_775	0.0	0.01	0.01	0.311	0.327	0%	0.615	-0.348	0.01	0.0	0.0	0.0	0	180	0.0	-49.9	-49.9	-186.2	-49.8
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	0	185	1.0	-0.4	0.0	0.0	0.0