

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

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 A00, $Y_W=72.0, Y_N=4.5$

Name	Bereich	X	Y	Z	x	y	λ_d	λ_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_n	579_775	52.97	30.18	1.46	0.626	0.356605	499	1.446	-0.048	0.69	46.6	23.1	52.0	26	1.67	61.8	62.4	62.8	61.0	
Y_n	504_775	67.91	62.35	2.86	0.51	0.468581	474	0.854	-0.045	0.311	4.0	48.3	48.4	85	3.46	83.1	83.9	80.8	74.6	
G_n	504_579	19.38	36.22	2.83	0.331	0.619547	547	0.357	-0.078	0.546	-42.6	25.1	49.4	149	2.01	66.6	67.3	67.3	64.7	
C_n	380_579	22.65	38.66	23.03	0.268	0.458499	605	0.345	-0.595	0.539	-46.6	-23.1	52.0	206	2.14	68.5	69.2	69.0	66.0	
B_n	380_504	7.71	6.49	21.63	0.215	0.181474	581	0.581	-3.332	2.986	-4.0	-48.3	48.4	265	0.36	30.6	30.9	24.6	29.2	
M_n	579_504	56.24	32.62	21.66	0.508	0.295547	547	1.351	-0.664	0.606	42.6	-25.1	49.4	329	1.81	63.8	64.5	64.7	62.6	
W_n	380_775	79.09	71.99	25.61	0.447	0.407	72%		0.828	-0.355	0.01	0.0	0.0	0	4.0	87.9	88.8	84.4	76.9	
N_n	380_775	4.94	4.49	1.6	0.447	0.407	4%		0.828	-0.355	0.01	0.0	0.0	0	180	0.25	25.2	25.5	15.5	23.0
U_n	380_775	19.77	17.99	6.4	0.447	0.407	18%		0.828	-0.355	0.01	0.0	0.0	0	180	1.0	49.5	50.0	50.0	50.0

