

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

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, $Y_W=90,0, Y_N=3,6$

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	65.67	36.68	1.18	0.634	0.354605	499	1.479	-0.032	0.727	59.7	29.6	66.6	26	2.03	67.0	67.7	67.6	64.9	
Y_n^o	504_775	84.79	77.87	2.96	0.511	0.47	581	474	0.854	-0.038	0.318	5.1	61.8	62.0	85	4.32	90.7	91.6	86.4	78.1
G_n^o	504_579	22.67	44.42	2.93	0.323	0.634547	547	40.337	-0.066	0.57	-54.5	32.1	63.3	149	2.46	72.5	73.2	72.4	68.6	
C_n^o	380_579	26.86	47.55	28.79	0.26	0.46	499	605	0.326	-0.605	0.561	-59.7	-29.6	66.6	206	2.64	74.5	75.2	74.1	69.9
B_n^o	380_504	7.74	6.36	27.0	0.188	0.154474	581	0.505	-4.241	3.898	-5.1	-61.8	62.0	265	0.35	30.3	30.6	24.1	28.8	
M_n^o	579_504	69.85	39.81	27.03	0.51	0.291547	547	1.376	-0.679	0.636	54.5	-32.1	63.3	329	2.21	69.3	70.0	69.7	66.5	
W_n^o	380_775	98.86	89.99	32.02	0.447	0.407	90%		0.828	-0.355	0.01	0.0	0.0	0	4.99	95.9	96.9	90.0	80.1	
N_n^d	380_775	3.95	3.59	1.28	0.447	0.407	3%		0.828	-0.355	0.01	0.0	0.0	0.0	181	0.19	22.3	22.5	9.9	19.8
U_n^d	380_775	19.77	17.99	6.4	0.447	0.407	18%		0.828	-0.355	0.01	0.0	0.0	0.0	180	1.0	49.5	50.0	50.0	50.0