

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

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

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

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 D50, $Y_W=72.0, Y_N=4.5$

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	570_775	43.32	28.34	3.37	0.577	0.377598	491	1.237	-0.047	0.645	41.0	20.0	45.7	25	1.57	60.2	60.8	61.2	59.7	
Y_n	496_775	54.39	61.17	5.93	0.447	0.503573	468	0.67	-0.038	0.291	2.0	44.5	44.5	87	3.39	82.4	83.3	80.4	74.3	
G_n	496_570	14.96	36.87	5.9	0.259	0.638538	538	0.233	-0.064	0.5	-39.0	24.5	46.1	147	2.04	67.1	67.8	67.8	65.0	
C_n	380_570	23.06	40.5	53.42	0.197	0.346491	598	0.251	-0.527	0.451	-41.0	-20.0	45.7	205	2.25	69.8	70.5	70.1	66.9	
B_n	380_496	11.99	7.67	50.86	0.17	0.108468	573	0.552	-2.65	2.323	-2.0	-44.5	44.5	267	0.42	33.3	33.6	28.8	32.2	
M_n	570_496	51.41	31.97	50.89	0.382	0.238538	538	1.146	-0.636	0.577	39.0	-24.5	46.1	327	1.77	63.3	63.9	64.2	62.2	
W_n	380_775	69.42	72.0	59.39	0.345	0.358	72%		0.657	-0.329	0.01	0.0	0.0	0.0	0	4.0	87.9	88.8	84.4	76.9
N_n	380_775	4.33	4.5	3.71	0.345	0.358	4%		0.657	-0.329	0.01	0.0	0.0	0.0	180	0.25	25.2	25.5	15.5	23.0
U_n	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	192	1.0	49.5	50.0	50.0	50.0

