

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

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

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

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

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

$L^*_{CIE} = 116(Y/100)^{1/3} - 16$ ($Y > 0,8856$) 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^*_{TU}	L^*_{TAR}
R _n	570_775	48.14	31.49	3.74	0.577	0.377598	491	1.237	-0.047	0.645	45.6	22.2	50.7	25	1.74	12.9	13.5	13.9	11.9	
Y _n	496_775	60.43	67.97	6.59	0.447	0.503573	468	0.67	-0.038	0.291	2.2	49.4	49.5	87	3.77	35.9	36.8	33.0	26.0	
G _n	496_570	16.63	40.97	6.55	0.259	0.638538	538	0.233	-0.064	0.5	-43.4	27.2	51.2	147	2.27	20.1	20.8	20.4	17.1	
C _n	380_570	25.62	45.0	59.36	0.197	0.346491	598	0.251	-0.527	0.451	-45.6	-22.2	50.7	205	2.5	22.8	23.6	22.7	18.9	
B _n	380_496	13.32	8.52	56.52	0.17	0.108468	573	0.552	-2.65	2.323	-2.2	-49.4	49.5	267	0.47	-14.9	-14.5	-18.5	-15.6	
M _n	570_496	57.13	35.52	56.55	0.382	0.238538	538	1.146	-0.636	0.577	43.4	-27.2	51.2	327	1.97	16.1	16.8	16.8	14.3	
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	37.9	38.8	34.4	26.9
N _d	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	-24.7	-24.4	-34.4	-26.9
U _d	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	-0.4	0.0	0.0	0.0

