

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

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, $Y_W=100.0, Y_N=0.1$

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'_{TVr}	L'_{TAr}
R _n	579_775	79.88	43.01	0.04	0.649	0.349605	499	1.542	-0.001	0.797	76.7	38.1	85.7	26	2.38	21.5	22.2	21.6	18.0	
Y _n	504_775	104.4795	97	2.33	0.515	0.473581	474	0.856	-0.024	0.332	6.6	79.5	79.8	85	5.33	48.4	49.4	41.5	31.0	
G _n	504_579	24.59	52.96	2.29	0.307	0.663547	547	0.298	-0.043	0.615	-70.1	41.3	81.4	149	2.94	27.8	28.6	26.8	21.8	
C _n	380_579	29.97	56.99	35.54	0.244	0.465499	605	0.289	-0.623	0.601	-76.7	-38.1	85.7	206	3.16	30.1	30.9	28.6	23.1	
B _n	380_504	5.38	4.03	33.24	0.126	0.094474	581	0.172	-8.246	7.917	-6.6	-79.5	79.8	265	0.22	-26.2	-25.9	-37.1	-28.5	
M _n	579_504	85.26	47.04	33.28	0.514	0.284547	547	1.425	-0.707	0.692	70.1	-41.3	81.4	329	2.61	24.2	24.9	23.8	19.7	
W _n	380_775	109.8499	99.99	35.58	0.447	0.407	100%	0.828	-0.355	0.01	0.0	0.0	0.0	0	5.55	50.0	51.0	42.6	31.5	
N _d	380_775	0.01	0.0	0.0	0.445	0.405	0%	0.827	-0.355	0.01	0.0	0.0	0.0	0	180	0.0	-49.9	-49.9	-186.2	-49.8
U _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	0	180	1.0	-0.4	0.0	0.0	0.0

