

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

$x_c = 0,110, B_c = 0,800$

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

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

Farbenraum ($C_{AB,2}, L_{CIE}^*$) $29B_d$

$L_{CIE}^* = 116(Y/100)^{1/3} - 16$ ($Y > 0,8856$) oder

$L_{CIE}^* = 116[(841/108)(Y/100) + 4/29] - 16$

Lichtart D65, $Y_W=100.0, Y_N=0.1$

-74 Parameter:

L_{CIE}^* & Name

$Y_r = Y/18,$

$L' = L^* - 50$

L_{CIE}^*

100

90

50

47

4

74

98Y_d

$C_{AB,2}$

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	567_775	59.63	37.91	0.05	0.61	0.388596	489	1.289	0.0	0.758	63.8	32.9	71.8	27	2.1	67.9	68.6	68.5	65.6	
Y _n	493_775	77.11	94.25	6.76	0.432	0.529570	463	0.61	-0.022	0.325	-1.3	76.7	76.7	91	5.23	97.7	98.7	91.1	80.8	
G _n	493_567	17.49	56.35	6.71	0.217	0.699535	535	0.153	-0.038	0.557	-65.2	43.7	78.5	146	3.13	79.8	80.6	78.3	72.9	
C _n	380_567	35.41	62.09	108.84	0.171	0.3	489	596	0.204	-0.56	0.463	-63.8	-32.9	71.8	207	3.44	82.9	83.8	80.7	74.5
B _n	380_493	17.93	5.75	102.14	0.142	0.045463	570	0.711	-5.681	5.334	1.3	-76.7	76.7	271	0.31	28.7	29.0	21.6	27.0	
M _n	567_493	77.55	43.65	102.18	0.347	0.195535	535	1.213	-0.749	0.719	65.2	-43.7	78.5	326	2.42	72.0	72.7	72.0	68.3	
W _d	380_775	95.04	100.0	108.89	0.312	0.329	100%	0.616	-0.348	0.01	0.0	0.0	0.0	0	5.55	100.0	101.092	6	81.5	
N _d	380_775	0.0	0.01	0.01	0.311	0.327	0%	0.615	-0.348	0.01	0.0	0.0	0.0	0	180	0.0	0.0	0.0	-136.201	
U _d	380_775	17.1	18.0	19.6	0.312	0.329	18%	0.616	-0.348	0.01	0.0	0.0	0.0	0	185	1.0	49.5	50.0	50.0	50.0