

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

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

Farbenraum ( $C_{AB,2}, L_{TAr}^*$ )

$L_{TAr}^* = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_r = Y / 18, x = \log[Y_r]$

Lichtart D65,  $Y_W=90.0, Y_N=3.6$

Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L_{CIE}^*$	$L_{CIr}^*$	$L_{TAr}^*$	$L_{TAr}^*$
R <sub>a</sub>	567_775	49.44	32.71	3.56	0.576	0.381596	489	1.223	-0.034	0.683	49.6	25.6	55.8	27	1.81	63.9	64.5	64.8	62.6	
Y <sub>a</sub>	493_775	63.04	76.53	8.77	0.424	0.515570	463	0.61	-0.036	0.311	-1.0	59.6	59.6	91	4.25	90.1	91.0	85.9	77.8	
G <sub>a</sub>	493_567	16.67	47.05	8.74	0.23	0.649535	535	0.184	-0.059	0.519	-50.7	33.9	61.0	146	2.61	74.2	74.9	73.8	69.7	
C <sub>a</sub>	380_567	30.61	51.52	88.16	0.179	0.302489	596	0.23	-0.547	0.433	-49.6	-25.6	55.8	207	2.86	76.9	77.7	76.1	71.3	
B <sub>a</sub>	380_493	17.01	7.7	82.95	0.158	0.071463	570	0.671	-3.444	3.096	1.0	-59.6	59.6	271	0.42	33.3	33.7	28.9	32.3	
M <sub>a</sub>	567_493	63.38	37.18	82.98	0.345	0.202535	535	1.161	-0.714	0.656	50.7	-33.9	61.0	326	2.06	67.4	68.0	68.0	65.2	
W <sub>d</sub>	380_775	85.53	90.0	98.0	0.312	0.329	90%		0.616	-0.348	0.01	0.0	0.0	0.0	0	4.99	95.9	96.9	90.0	80.1
N <sub>d</sub>	380_775	3.42	3.6	3.92	0.312	0.329	3%		0.616	-0.348	0.01	0.0	0.0	0.0	180	0.19	22.3	22.5	9.9	19.8
U <sub>d</sub>	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	184	1.0	49.5	50.0	50.0	50.0

