XYZ_W=95.04 , 100.0 , 108.89

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 0{,}800$

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

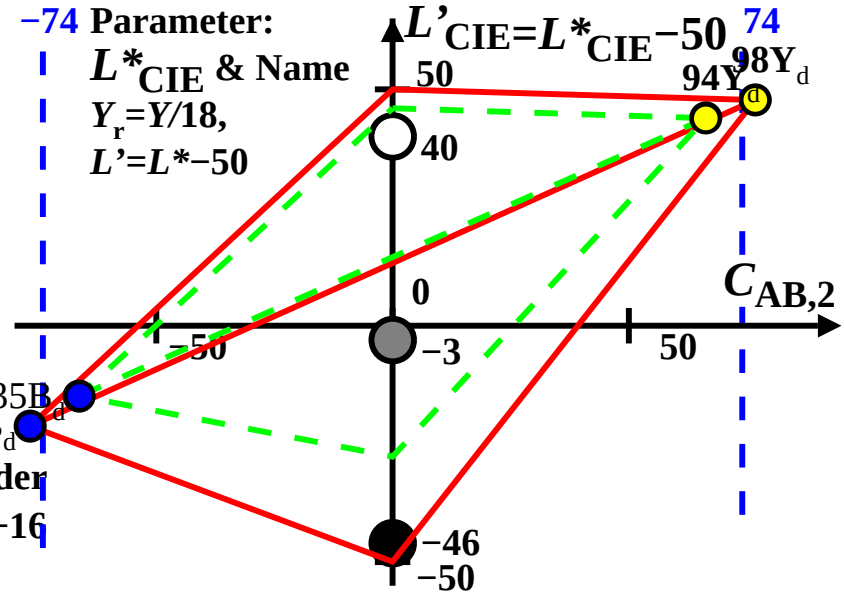
6 *Ostwald*-Farben (o), $C_{AB,2}$=const

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 D65, Y_W=90.0 , Y_N=3.6



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'_{CIr}	L'_{TUr}	L'_{TAr}
R_o	567_775	54.94	36.35	3.96	0.576	0.381	596	489	1.223	−0.034	0.683	55.1	28.4	62.0	27	2.01	16.7	17.4	17.4	14.8
Y_o	493_775	70.05	85.03	9.75	0.424	0.515	570	463	0.61	−0.036	0.311	−1.1	66.2	66.2	91	4.72	43.9	44.8	38.5	29.3
G_o	493_567	18.53	52.28	9.71	0.23	0.649	535	535c	0.184	−0.059	0.519	−56.3	37.7	67.8	146	2.9	27.4	28.2	26.5	21.6
C_o	380_567	34.01	57.24	97.96	0.179	0.302	489	596	0.23	−0.547	0.433	−55.1	−28.4	62.0	207	3.18	30.3	31.1	28.7	23.2
B_o	380_493	18.91	8.56	92.16	0.158	0.071	463	570	0.671	−3.444	3.096	1.1	−66.2	66.2	271	0.47	−14.8	−14.5	−18.4	−15.5
M_o	567_493	70.43	41.31	92.2	0.345	0.202	535c	535	1.161	−0.714	0.656	56.3	−37.7	67.8	326	2.29	20.3	21.1	20.6	17.2
W_d	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	45.9	46.9	40.0	30.1
N_d	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	−27.6	−27.4	−40.0	−30.1
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	184	1.0	−0.4	0.0	0.0	0.0

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