XYZ_W=109.84 , 99.99 , 35.58

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 2{,}500$

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

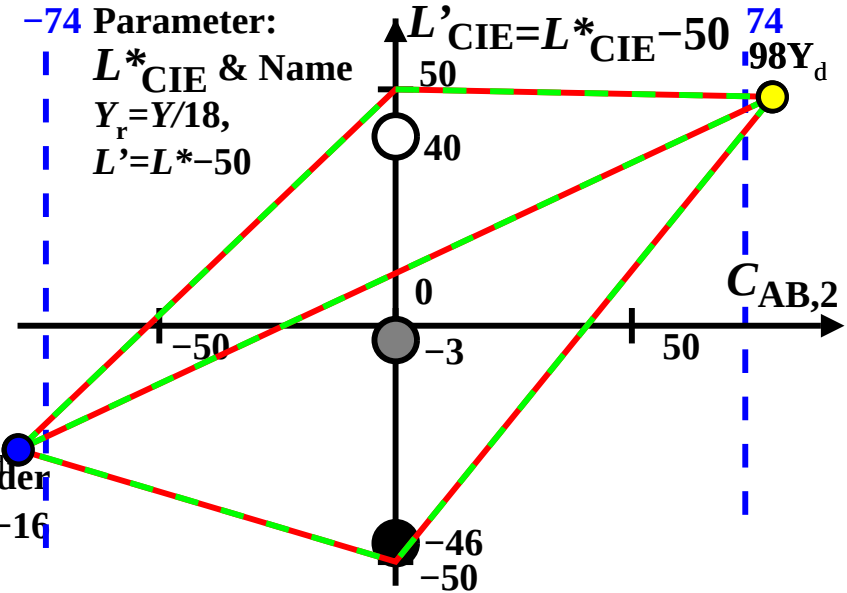
6 *Ostwald*-Farben (o), $C_{AB,2}$=const

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 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'_{CIr}	L'_{TUr}	L'_{TAr}
R_o	579_775	79.88	43.01	0.04	0.649	0.349	605	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_o	504_775	104.47	95.97	2.33	0.515	0.473	581	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_o	504_579	24.59	52.96	2.29	0.307	0.663	547	547c	0.298	−0.043	0.615	−70.1	41.3	81.4	149	2.94	27.8	28.6	26.8	21.8
C_o	380_579	29.97	56.99	35.54	0.244	0.465	499	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_o	380_504	5.38	4.03	33.24	0.126	0.094	474	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_o	579_504	85.26	47.04	33.28	0.514	0.284	547c	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_d	380_775	109.84	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	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	180	1.0	−0.4	0.0	0.0	0.0

fgc10−4a