XYZ_W=100.93 , 100.0 , 64.68

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

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

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

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

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

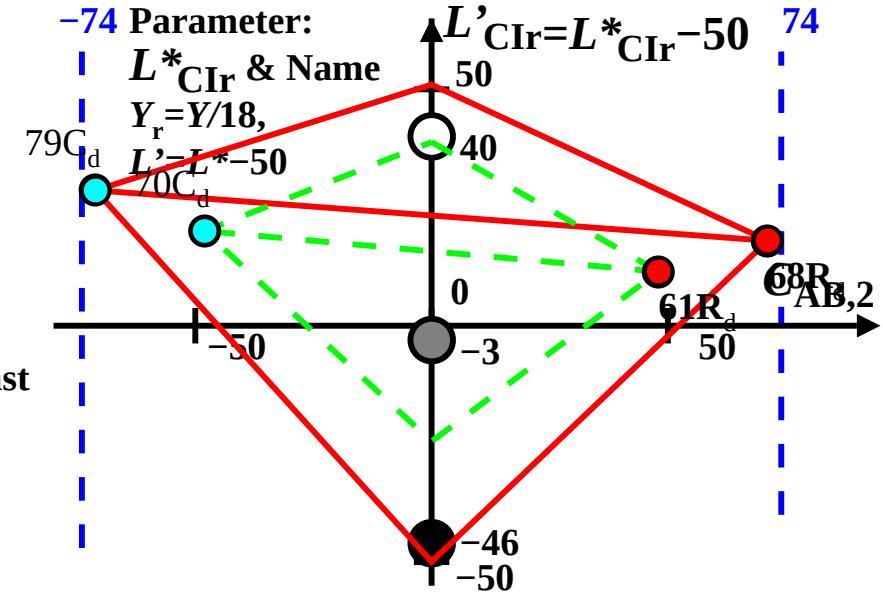
$x_c = 0{,}110,\ \ B_c = 1{,}300$

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

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

Farbenraum ($C_{AB,2}$, L^*_{CIr})

$L^*_{CIr}=L^*_{CIE}(Y)\ /\ L^*_{CIE}(18)$



Lichtart P40, Y_W=72.0 , Y_N=4.5

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	573_775	46.72	29.04	2.64	0.595	0.37	600	493	1.311	−0.047	0.661	43.1	20.9	48.0	25	1.61	10.8	11.4	11.8	10.2
Y_o	498_775	59.11	61.97	5.08	0.468	0.491	576	468	0.729	−0.042	0.294	1.9	45.5	45.5	87	3.44	32.9	33.7	30.7	24.5
G_o	498_573	16.47	36.97	5.05	0.281	0.631	540	540c	0.271	−0.071	0.518	−41.1	24.5	47.9	149	2.05	17.2	17.9	17.8	15.1
C_o	380_573	22.76	39.8	41.89	0.217	0.381	493	600	0.283	−0.547	0.482	−43.1	−20.9	48.0	205	2.21	19.3	20.0	19.7	16.5
B_o	380_498	10.37	6.87	39.45	0.182	0.121	468	576	0.601	−2.983	2.649	−1.9	−45.5	45.5	267	0.38	−18.4	−18.1	−23.9	−19.7
M_o	573_498	53.01	31.87	39.47	0.426	0.256	540c	540	1.234	−0.644	0.601	41.1	−24.5	47.9	329	1.77	13.2	13.8	14.1	12.1
W_d	380_775	72.67	72.0	46.57	0.379	0.376	72%		0.717	−0.336	0.01	0.0	0.0	0.0	0	4.0	37.9	38.8	34.4	26.9
N_d	380_775	4.54	4.5	2.91	0.379	0.376	4%		0.717	−0.336	0.01	0.0	0.0	0.0	180	0.25	−24.7	−24.4	−34.4	−26.9
U_d	380_775	18.16	18.0	11.64	0.379	0.376	18%		0.717	−0.336	0.01	0.0	0.0	0.0	180	1.0	−0.4	0.0	0.0	0.0

fge21−3a