XYZ_W=100.93 , 100.0 , 64.68

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

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

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

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

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

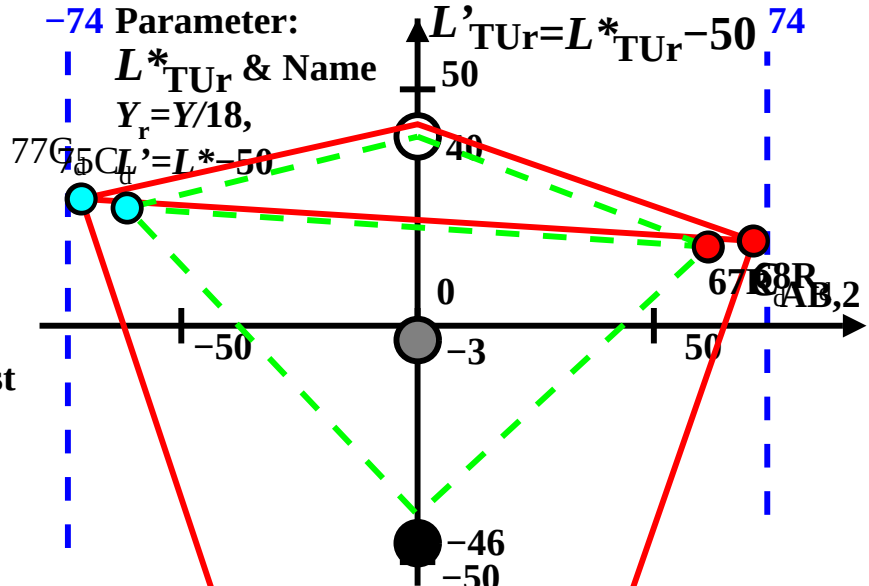
$x_c = 0{,}110,\ \ B_c = 1{,}300$

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

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

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

L^*_{TUr}=50 + 40[Y_r/log(5)]



Lichtart P40, 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	573_775	57.85	35.23	2.13	0.607	0.37	600	493	1.344	−0.031	0.697	55.2	26.8	61.4	25	1.95	15.9	16.5	16.6	14.1
Y_o	498_775	73.71	77.38	5.25	0.471	0.494	576	468	0.73	−0.035	0.301	2.5	58.2	58.3	87	4.29	40.4	41.4	36.2	28.0
G_o	498_573	19.12	45.39	5.21	0.274	0.65	540	540c	0.252	−0.059	0.54	−52.7	31.3	61.3	149	2.52	23.1	23.8	22.9	19.0
C_o	380_573	27.17	49.0	52.36	0.211	0.381	493	600	0.265	−0.555	0.501	−55.2	−26.8	61.4	205	2.72	25.4	26.2	24.8	20.4
B_o	380_498	11.31	6.85	49.24	0.167	0.101	468	576	0.568	−3.733	3.4	−2.5	−58.2	58.3	267	0.38	−18.5	−18.1	−23.9	−19.8
M_o	573_498	65.89	38.84	49.27	0.427	0.252	540c	540	1.26	−0.659	0.631	52.7	−31.3	61.3	329	2.15	18.6	19.3	19.1	16.1
W_d	380_775	90.83	90.0	58.22	0.379	0.376	90%		0.717	−0.336	0.01	0.0	0.0	0.0	0	4.99	45.9	46.9	40.0	30.1
N_d	380_775	3.63	3.6	2.32	0.379	0.376	3%		0.717	−0.336	0.01	0.0	0.0	0.0	180	0.19	−27.6	−27.4	−40.0	−30.1
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	169	1.0	−0.4	0.0	0.0	0.0

fge30−7a