XYZ_W=100.93 , 100.0 , 64.68

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

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

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

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

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

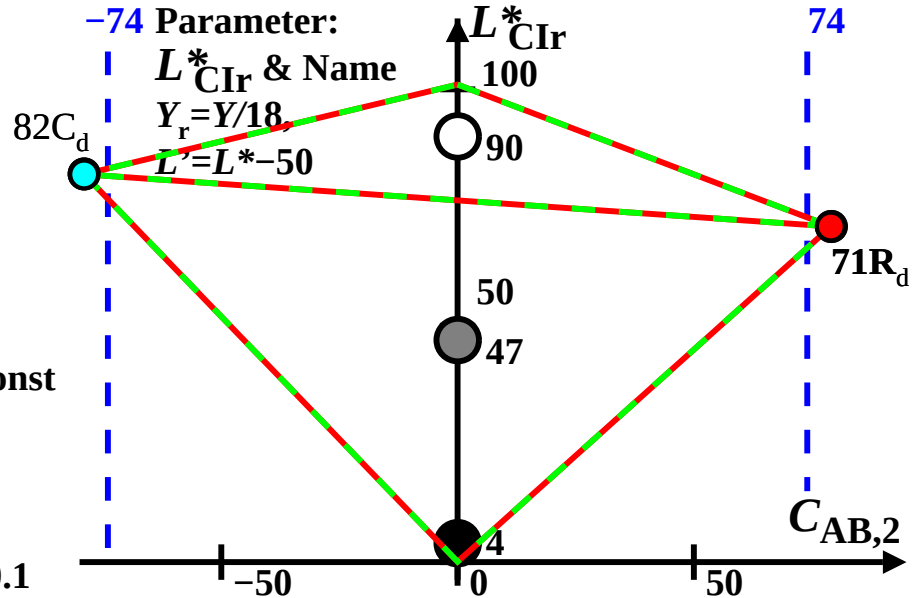
$x_c = 0{,}110,\ \ B_c = 1{,}300$

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

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=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	573_775	70.19	41.14	0.05	0.63	0.369	600	493	1.408	0.0	0.768	71.0	34.5	79.0	25	2.28	70.2	70.9	70.5	67.2
Y_o	498_775	90.58	95.34	4.06	0.476	0.501	576	468	0.73	−0.022	0.314	3.2	74.8	74.9	87	5.29	98.1	99.1	91.4	80.9
G_o	498_573	20.4	54.21	4.02	0.259	0.689	540	540c	0.216	−0.038	0.582	−67.8	40.3	78.9	149	3.01	78.5	79.3	77.4	72.2
C_o	380_573	30.74	58.86	64.64	0.199	0.381	493	600	0.234	−0.571	0.537	−71.0	−34.5	79.0	205	3.27	81.2	82.0	79.4	73.6
B_o	380_498	10.35	4.66	60.62	0.136	0.061	468	576	0.435	−6.762	6.432	−3.2	−74.8	74.9	267	0.25	25.7	26.0	16.4	23.6
M_o	573_498	80.53	45.79	60.67	0.43	0.244	540c	540	1.309	−0.688	0.689	67.8	−40.3	78.9	329	2.54	73.4	74.1	73.2	69.2
W_d	380_775	100.93	100.0	64.68	0.379	0.376	100%		0.717	−0.336	0.01	0.0	0.0	0.0	0	5.55	100.0	101.0	92.6	81.5
N_d	380_775	0.01	0.01	0.0	0.378	0.375	0%		0.716	−0.336	0.01	0.0	0.0	0.0	180	0.0	0.0	0.0	−136.2	0.1
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	166	1.0	49.5	50.0	50.0	50.0

fge70−3a