XYZ_W=100.93 , 100.0 , 64.68

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

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

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

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

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

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

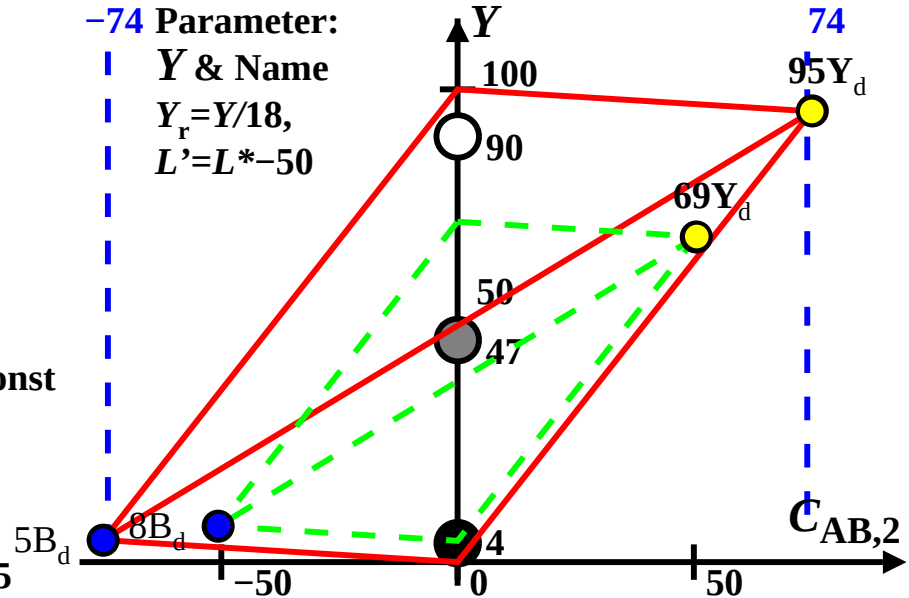
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

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

Farbenraum ($C_{AB,2}$, Y)

Y=18Y_r

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	51.92	32.27	2.94	0.595	0.37	600	493	1.311	−0.047	0.661	47.9	23.3	53.3	25	1.79	13.5	14.2	14.5	12.4
Y_o	498_775	65.68	68.85	5.65	0.468	0.491	576	468	0.729	−0.042	0.294	2.2	50.5	50.6	87	3.82	36.4	37.3	33.3	26.2
G_o	498_573	18.3	41.08	5.62	0.281	0.631	540	540c	0.271	−0.071	0.518	−45.7	27.2	53.2	149	2.28	20.2	20.9	20.5	17.1
C_o	380_573	25.29	44.22	46.54	0.217	0.381	493	600	0.283	−0.547	0.482	−47.9	−23.3	53.3	205	2.45	22.3	23.1	22.3	18.5
B_o	380_498	11.52	7.64	43.83	0.182	0.121	468	576	0.601	−2.983	2.649	−2.2	−50.5	50.6	267	0.42	−16.7	−16.4	−21.2	−17.7
M_o	573_498	58.9	35.41	43.86	0.426	0.256	540c	540	1.234	−0.644	0.601	45.7	−27.2	53.2	329	1.96	16.0	16.7	16.8	14.2
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

fgc01−3a