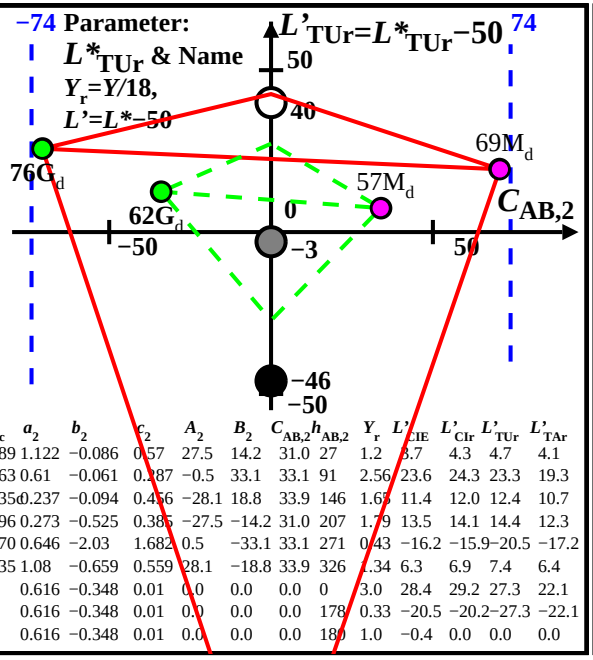
XYZ_W=95.04 , 100.0 , 108.89
A_2 = 2,5 ($a_2 - a_{2,n}$) Y
B_2 = 2,5 ($b_2 - b_{2,n}$) Y
$a_2 = a_{20}$ [($x - x_c$) / y]
$b_2 = b_{20} B_c$ [z / y]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 0,800
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o), $C_{AB,2}$=const
Farbenraum ($C_{AB,2}$, L^*_{TUr})
L^*_{TUr}=50 + 40[Y_r/log(5)]

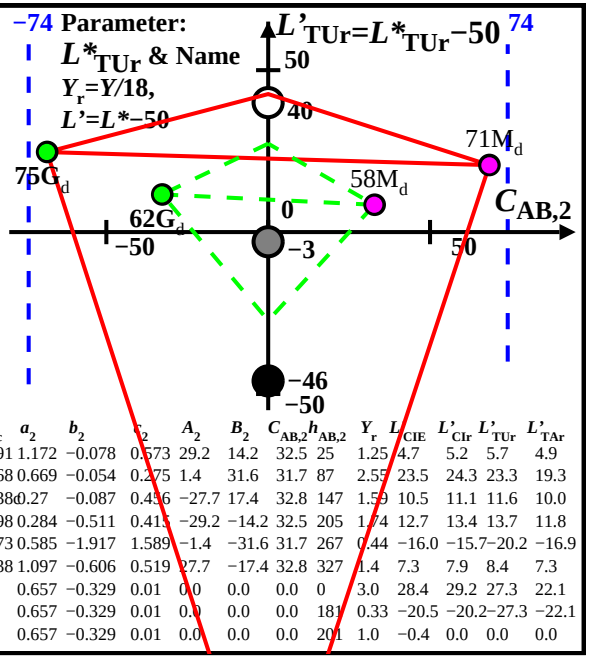


Lichtart D65, Y_W=54.0 , Y_N=6.0

Name	Bereich	X	Y	Z	x	y	λd	λc	a2	b2	c2	A2	B2	CAB,2	hAB,2	Yr	L'CIE	L'CIr	L'TUr	L'TAr
R o	567_775	30.89	21.77	5.9	0.527	0.371	596	489	1.122	−0.086	0.57	27.5	14.2	31.0	27	1.2	8.7	4.3	4.7	4.1
Y o	493_775	38.44	46.11	8.79	0.411	0.493	570	463	0.61	−0.061	0.287	−0.5	33.1	33.1	91	2.56	23.6	24.3	23.3	19.3
G o	493_567	12.68	29.74	8.77	0.247	0.58	535	535	0.237	−0.094	0.456	−28.1	18.8	33.9	146	1.65	11.4	12.0	12.4	10.7
C o	380_567	20.43	32.22	52.9	0.193	0.305	489	596	0.273	−0.525	0.385	−27.5	−14.2	31.0	207	1.79	13.5	14.1	14.4	12.3
B o	380_493	12.87	7.88	50.0	0.181	0.111	463	570	0.646	−2.03	1.682	0.5	−33.1	33.1	271	0.43	−16.2	−15.9	−20.5	−17.2
M o	567_493	38.63	24.25	50.02	0.342	0.214	535c	535	1.08	−0.659	0.559	28.1	−18.8	33.9	326	1.34	6.3	6.9	7.4	6.4
W d	380_775	51.32	54.0	58.8	0.312	0.329	54%		0.616	−0.348	0.01	0.0	0.0	0.0	0	3.0	28.4	29.2	27.3	22.1
N d	380_775	5.7	6.0	6.53	0.312	0.329	6%		0.616	−0.348	0.01	0.0	0.0	0.0	178	0.33	−20.5	−20.2	−27.3	−22.1
U d	380_775	17.1	18.0	19.6	0.312	0.329	18%		0.616	−0.348	0.01	0.0	0.0	0.0	180	1.0	−0.4	0.0	0.0	0.0

fgf31−5a

XYZ_W=96.42 , 100.0 , 82.49
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 = 1,000
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o), $C_{AB,2}$=const
Farbenraum ($C_{AB,2}$, L^*_{TUr})
L^*_{TUr}=50 + 40[Y_r/log(5)]

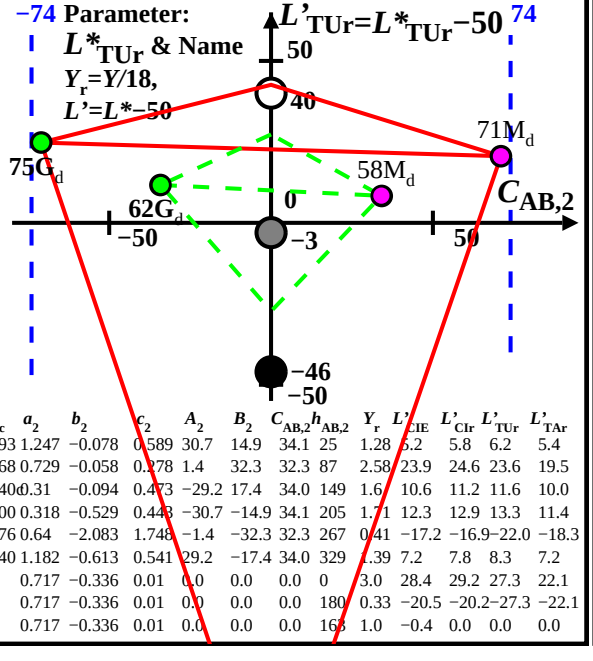


Lichtart D50, Y_W=54.0 , Y_N=6.0

Name	Bereich	X	Y	Z	x	y	λd	λc	a2	b2	c2	A2	B2	CAB,2	hAB,2	Yr	L'CIE	L'CIr	L'TUr	L'TAr
R o	570_775	33.24	22.67	4.47	0.55	0.375	598	491	1.172	−0.078	0.573	29.2	14.2	32.5	25	1.25	4.7	5.2	5.7	4.9
Y o	496_775	41.1	46.02	6.29	0.44	0.492	573	468	0.669	−0.054	0.275	1.4	31.6	31.7	87	2.55	23.5	24.3	23.3	19.3
G o	496_570	13.07	28.74	6.27	0.271	0.597	538	538	0.27	−0.087	0.456	−27.7	17.4	32.8	147	1.59	10.5	11.1	11.6	10.0
C o	380_570	18.82	31.32	40.07	0.208	0.347	491	598	0.284	−0.511	0.415	−29.2	−14.2	32.5	205	1.74	12.7	13.4	13.7	11.8
B o	380_496	10.96	7.97	38.25	0.191	0.139	468	573	0.585	−1.917	1.589	−1.4	−31.6	31.7	267	0.44	−16.0	−15.7	−20.2	−16.9
M o	570_496	38.99	25.25	38.27	0.38	0.246	538c	538	1.097	−0.606	0.519	27.7	−17.4	32.8	327	1.4	7.3	7.9	8.4	7.3
W d	380_775	52.06	54.0	44.54	0.345	0.358	54%		0.657	−0.329	0.01	0.0	0.0	0.0	0	3.0	28.4	29.2	27.3	22.1
N d	380_775	5.78	6.0	4.94	0.345	0.358	6%		0.657	−0.329	0.01	0.0	0.0	0.0	181	0.33	−20.5	−20.2	−27.3	−22.1
U d	380_775	17.35	18.0	14.84	0.345	0.358	18%		0.657	−0.329	0.01	0.0	0.0	0.0	201	1.0	−0.4	0.0	0.0	0.0

fgf31−6a

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)]

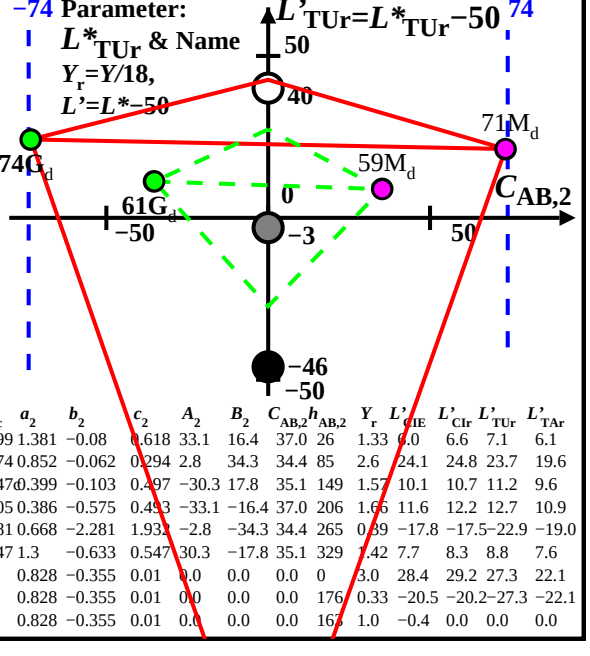


Lichtart P40, Y_W=54.0 , Y_N=6.0

Name	Bereich	X	Y	Z	x	y	λd	λc	a2	b2	c2	A2	B2	CAB,2	hAB,2	Yr	L'CIE	L'CIr	L'TUr	L'TAr
R o	573_775	35.77	23.17	3.51	0.572	0.371	600	493	1.247	−0.078	0.589	30.7	14.9	34.1	25	1.28	5.2	5.8	6.2	5.4
Y o	498_775	44.58	46.59	5.24	0.462	0.483	576	468	0.729	−0.058	0.278	1.4	32.3	32.3	87	2.58	23.9	24.6	23.6	19.5
G o	498_573	14.26	28.81	5.22	0.295	0.596	540	540	0.31	−0.094	0.473	−29.2	17.4	34.0	149	1.6	10.6	11.2	11.6	10.0
C o	380_573	18.72	30.82	31.41	0.231	0.38	493	600	0.318	−0.529	0.448	−30.7	−14.9	34.1	205	1.71	12.3	12.9	13.3	11.4
B o	380_498	9.91	7.4	29.68	0.21	0.157	468	576	0.64	−2.083	1.748	−1.4	−32.3	32.3	267	0.41	−17.2	−16.9	−22.0	−18.3
M o	573_498	40.24	25.18	29.7	0.423	0.264	540c	540	1.182	−0.613	0.541	29.2	−17.4	34.0	329	1.39	7.2	7.8	8.3	7.2
W d	380_775	54.5	54.0	34.93	0.379	0.376	54%		0.717	−0.336	0.01	0.0	0.0	0.0	0	3.0	28.4	29.2	27.3	22.1
N d	380_775	6.05	6.0	3.88	0.379	0.376	6%		0.717	−0.336	0.01	0.0	0.0	0.0	180	0.33	−20.5	−20.2	−27.3	−22.1
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	163	1.0	−0.4	0.0	0.0	0.0

fgf31−7a

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



Lichtart A00, Y_W=54.0 , Y_N=6.0

Name	Bereich	X	Y	Z	x	y	λd	λc	a2	b2	c2	A2	B2	CAB,2	hAB,2	Yr	L'CIE	L'CIr	L'TUr	L'TAr
R o	579_775	40.44	23.98	1.93	0.609	0.361	605	499	1.381	−0.08	0.618	33.1	16.4	37.0	26	1.33	6.0	6.6	7.1	6.1
Y o	504_775	51.06	46.86	2.93	0.506	0.464	581	474	0.852	−0.062	0.294	2.8	34.3	34.4	85	2.6	24.1	24.8	23.7	19.6
G o	504_579	16.55	28.28	2.91	0.346	0.592	547	547	0.399	−0.103	0.497	−30.3	17.8	35.1	149	1.57	10.1	10.7	11.2	9.6
C o	380_579	18.87	30.01	17.27	0.285	0.453	499	605	0.386	−0.575	0.493	−33.1	−16.4	37.0	206	1.66	11.6	12.2	12.7	10.9
B o	380_504	8.25	7.13	16.28	0.26	0.225	474	581	0.668	−2.281	1.932	−2.8	−34.3	34.4	265	0.39	−17.8	−17.5	−22.9	−19.0
M o	579_504	42.76	25.71	16.3	0.504	0.303	547c	547	1.3	−0.633	0.547	30.3	−17.8	35.1	329	1.42	7.7	8.3	8.8	7.6
W d	380_775	59.31	53.99	19.21	0.447	0.407	54%		0.828	−0.355	0.01	0.0	0.0	0.0	0	3.0	28.4	29.2	27.3	22.1
N d	380_775	6.59	5.99	2.13	0.447	0.407	6%		0.828	−0.355	0.01	0.0	0.0	0.0	176	0.33	−20.5	−20.2	−27.3	−22.1
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	163	1.0	−0.4	0.0	0.0	0.0

fgf31−8a

fgf30−7R_R