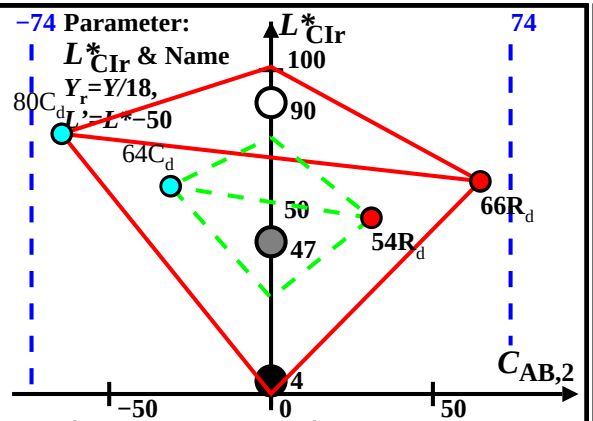
XYZ_W=95.04 , 100.0 , 108.89
$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$
$B_2 = 2{,}5\ (b_2 - b_{2,n})\ Y$
$a_2 = a_{20}\ [\ (\ x - x_c\ )\ /\ y]$
$b_2 = b_{20} B_c\ [\ z\ /\ y]$
$a_{20} = 1,\ \ b_{20} = -0{,}4$
$x_c = 0{,}110,\ \ B_c = 0{,}800$
$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
6 *Ostwald*-Farben (o), $C_{AB,2}$=const
Farbenraum ($C_{AB,2}$, L^*_{CIr})
$L^*_{CIr} = L^*_{CIE}(Y)\ /\ L^*_{CIE}(18)$

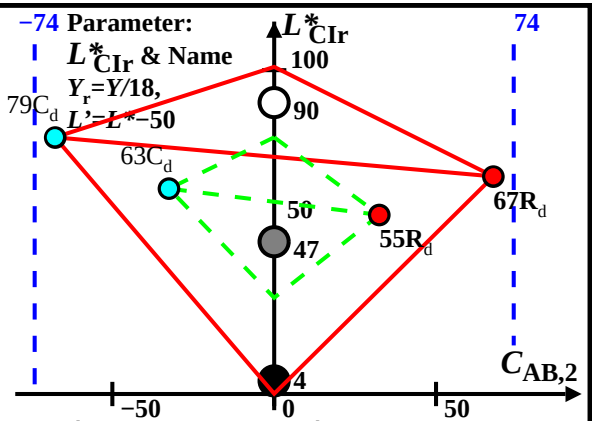


Lichtart D65, Y_W=54.0 , Y_N=6.0

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	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	53.7	54.3	54.7	54.1
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	73.6	74.3	73.3	69.3
G_o	493_567	12.68	29.74	8.77	0.247	0.58	535	535c	0.237	−0.094	0.456	−28.1	18.8	33.9	146	1.65	61.4	62.0	62.4	60.7
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	63.5	64.1	64.4	62.3
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	33.7	34.0	29.4	32.7
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	56.3	56.9	57.4	56.4
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	78.4	79.2	77.3	72.1
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	29.4	29.7	22.6	27.8
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	49.5	50.0	50.0	50.0

fge71−5a

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

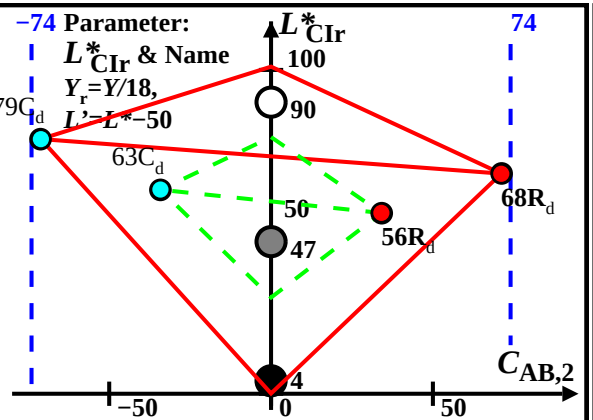


Lichtart D50, Y_W=54.0 , Y_N=6.0

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	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	54.7	55.2	55.7	54.9
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	73.5	74.3	73.3	69.3
G_o	496_570	13.07	28.74	6.27	0.271	0.597	538	538c	0.27	−0.087	0.456	−27.7	17.4	32.8	147	1.59	60.5	61.1	61.6	60.0
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	62.7	63.4	63.7	61.8
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	33.9	34.2	29.7	33.0
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	57.3	57.9	58.4	57.3
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	78.4	79.2	77.3	72.1
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	29.4	29.7	22.6	27.8
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	49.5	50.0	50.0	50.0

fge71−6a

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

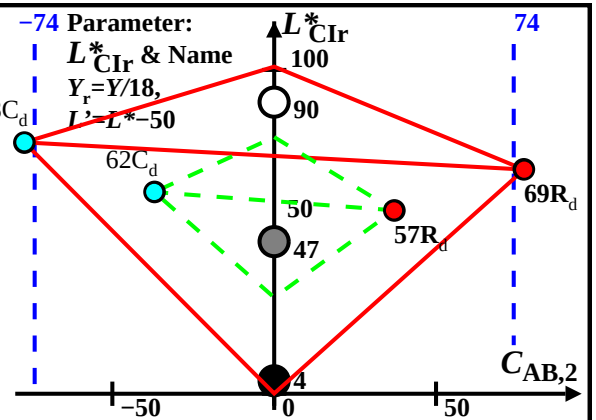


Lichtart P40, Y_W=54.0 , Y_N=6.0

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	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	55.2	55.8	56.2	55.4
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	73.9	74.6	73.6	69.5
G_o	498_573	14.26	28.81	5.22	0.295	0.596	540	540c	0.31	−0.094	0.473	−29.2	17.4	34.0	149	1.6	60.6	61.2	61.6	60.0
C_o	380_573	18.72	30.82	31.41	0.231	0.38	493	600	0.318	−0.529	0.443	−30.7	−14.9	34.1	205	1.71	62.3	62.9	63.3	61.4
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	32.7	33.0	27.9	31.6
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	57.2	57.8	58.3	57.2
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	78.4	79.2	77.3	72.1
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	29.4	29.7	22.6	27.8
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	49.5	50.0	50.0	50.0

fge71−7a

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



Lichtart A00, Y_W=54.0 , Y_N=6.0

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	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	56.0	56.6	57.1	56.1
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	74.1	74.8	73.7	69.6
G_o	504_579	16.55	28.28	2.91	0.346	0.592	547	547c	0.399	−0.103	0.497	−30.3	17.8	35.1	149	1.57	60.1	60.7	61.2	59.6
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	61.6	62.2	62.7	60.9
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	32.1	32.4	27.0	30.9
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	57.7	58.3	58.8	57.6
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	78.4	79.2	77.3	72.1
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	29.4	29.7	22.6	27.8
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	49.5	50.0	50.0	50.0

fge71−8a

fge70−7R_R