

$XYZ_w = 95.04, 100.0, 108.89$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 0.800$

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

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

Farbenraum $(C_{AB,2} \gg L^*_{Clr})$

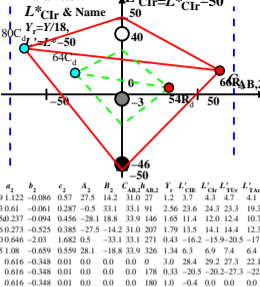
$L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Lichtart D65, $Y_w = 54.0, Y_n = 6.0$

Name	Bereich	X	Z	x	z	λ_c	λ_c	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AB,2}$	L^*_{Clr}	Y'_r	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	
R	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	3.7	4.3	4.7	4.1	7.1	4.8	4.7	4.1	
Y	493	757	38.44	46.11	8.79	0.411	0.493	570	463	0.61	-0.061	0.287	-0.5	33.1	31.0	9.1	2.56	23.6	24.3	23.3	19.3	10.3	10.6	10.6	10.3	
G	493	757	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	1.05	11.4	12.0	12.4	10.7	9.3	10.2	11.1	11.6	10.0
C	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	27.1	0.79	1.35	1.41	14.4	12.3	12.3	12.3	12.3	12.3	
B	380	493	12.87	7.88	50.0	0.181	0.111	463	570	0.646	-2.03	1.682	0.5	-33.1	31.0	27.1	0.43	-16.2	-15.9	-20.5	-17.2	-16.9	-16.9	-16.9	-16.9	
M	567	493	38.63	24.25	50.02	0.342	0.214	535	535	1.08	-0.659	0.559	28.1	-18.8	33.9	326	1.34	6.3	6.9	7.4	6.4	6.4	6.4	6.4	6.4	
W	380	775	51.32	54.0	58.8	0.312	0.329	546	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	0.0	0.0	3.0	28.4	29.2	27.3	22.1	22.1	22.1	22.1	
N	380	775	5.7	6.0	6.53	0.312	0.329	6.0	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	0.0	0.0	178	0.33	-20.5	-20.2	-27.3	-22.1	-22.1	-22.1	
U	380	775	17.1	18.0	19.6	0.312	0.329	18.0	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	

fige21-5a

-74 Parameter: $L^*_{Clr} = L^*_{Clr} - 50$



$XYZ_w = 96.42, 100.0, 82.49$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.000$

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

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

Farbenraum $(C_{AB,2} \gg L^*_{Clr})$

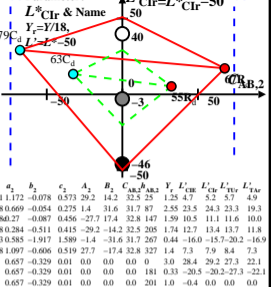
$L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Lichtart D50, $Y_w = 54.0, Y_n = 6.0$

Name	Bereich	X	Z	x	z	λ_c	λ_c	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AB,2}$	L^*_{Clr}	Y'_r	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	
R	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	7.1	4.8	4.7	4.1	
Y	496	775	41.1	46.02	6.29	0.44	0.492	573	468	0.609	-0.054	0.275	1.4	31.6	31.7	8.7	2.55	23.5	24.3	23.3	19.3	10.3	10.6	10.6	10.3	
G	496	775	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	9.3	10.2	11.1	11.6	10.0
C	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	27.1	0.79	1.35	1.41	14.4	12.3	12.3	12.3	12.3	12.3	
B	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	-16.9	-16.9	-16.9	-16.9	
M	570	496	38.99	25.25	38.27	0.38	0.246	538	538	1.097	-0.606	0.519	27.7	-17.4	32.8	327	1.4	7.3	7.9	8.4	7.3	7.3	7.3	7.3	7.3	
W	380	775	52.06	54.0	44.54	0.345	0.358	546	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	28.4	29.2	27.3	22.1	22.1	22.1	
N	380	775	5.78	6.0	4.94	0.345	0.358	6.0	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	0.0	0.0	181	0.33	-20.5	-20.2	-27.3	-22.1	-22.1	-22.1	
U	380	775	17.35	18.0	14.84	0.345	0.358	18.0	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	0.0	0.0	201	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	

fige21-6a

-74 Parameter: $L^*_{Clr} = L^*_{Clr} - 50$



$XYZ_w = 100.93, 100.0, 64.68$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.300$

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

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

Farbenraum $(C_{AB,2} \gg L^*_{Clr})$

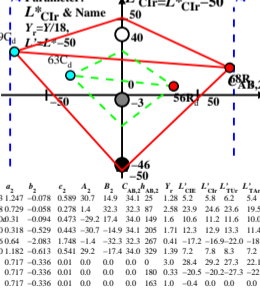
$L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Lichtart P40, $Y_w = 54.0, Y_n = 6.0$

Name	Bereich	X	Z	x	z	λ_c	λ_c	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AB,2}$	L^*_{Clr}	Y'_r	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	
R	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	7.1	4.8	4.7	4.1	
Y	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	8.7	2.58	23.9	24.6	23.6	19.5	10.3	10.6	10.6	10.3	
G	498	775	14.26	28.81	5.21	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	9.3	10.2	11.1	11.6	10.0
C	380	573	18.27	30.82	31.42	0.231	0.38	493	600	0.318	-0.529	0.443	-30.7	-14.9	34.1	25	1.0	1.71	1.23	12.9	13.3	11.4	11.4	11.4	11.4	
B	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	-18.3	-18.3	-18.3	-18.3	
M	573	498	40.24	25.18	29.7	0.423	0.264	540	540	1.182	-0.613	0.541	29.2	-17.4	34.0	329	1.39	7.2	7.8	8.3	7.2	7.2	7.2	7.2	7.2	
W	380	775	54.5	54.0	34.93	0.379	0.376	546	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	28.4	29.2	27.3	22.1	22.1	22.1	
N	380	775	6.05	6.0	3.88	0.379	0.376	6.0	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	0.0	0.0	180	0.33	-20.5	-20.2	-27.3	-22.1	-22.1	-22.1	
U	380	775	18.16	18.0	11.64	0.379	0.376	18.0	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	0.0	0.0	163	1.0	-0.4	0.0	0.0	0.0	0.0	0.0	

fige21-7a

-74 Parameter: $L^*_{Clr} = L^*_{Clr} - 50$



$XYZ_w = 109.84, 99.99, 35.58$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 2.500$

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

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

Farbenraum $(C_{AB,2} \gg L^*_{Clr})$

$L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Lichtart A00, $Y_w = 54.0, Y_n = 6.0$

Name	Bereich	X	Z	x	z	λ_c	λ_c	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AB,2}$	L^*_{Clr}	Y'_r	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	L^*_{Clr}	
R	579	775	40.44	23.98	1.93	0.609	0.361	605	499	1.381	-0.08	0.618	31.3	16.4	37.0	26	1.33	6.0	6.6	7.1	6.1	7.1	4.8	4.7	4.1	
Y	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	8.5	2.6	24.1	24.8	25.7	19.6	10.3	10.6	10.6	10.3	
G	504	775	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	10.0	9.3	10.2	11.1	11.6	10.0
C	380	579	18.87	30.01	17.27	0.285	0.453	499	605	0.386	-0.575	0.499	-33.1	-16.4	37.0	26	1.06	1.16	1.22	12.7	10.9	10.9	10.9	10.9	10.9	
B	380	504	8.25	7.13	16.28	0.26	0.225	474	581	0.688	-2.281	1.932	-2.8	-34.3	34.4	265	0.39	-17.8	-17.5	-22.9	-19.0	-19.0	-19.0	-19.0	-19.0	
M	579	504	42.76	25.16	16.3	0.504	0.303	547	547	1.13	-0.633	0.547	30.3	-17.8	35.1	329	1.42	7.7	8.3	8.8	7.6	7.6	7.6	7.6	7.6	
W	380	775	59.31	53.99	19.21	0.447	0.407																			