

$XYZ_W=95.04, 100.0, 108.89$

-74 Parameter:

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

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

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

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

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

$$x_c = 0,110, B_c = 0,800$$

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

6 Ostwald-Farben (o), $C_{AB2} = \text{const}$

Farbenraum (C_{AB2}, Y)

$$Y = 18Y_T$$



Lichtart D65, $Y_W=72.0, Y_N=4.5$

Name	Bereich	X	Y	Z	x_N	y_N	z_N	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	C_{AB2}	A_{AB2}	B_{AB2}	Y_T	L^*	C^*	H^*	L^*_{TUV}	C^*_{TUV}	H^*_{TUV}	L^*_{TAR}	C^*_{TAR}	H^*_{TAR}
R	507,775	44.52	30.08	4.93	0.559	0.378	896	489	1.189	-0.052	0.645	43.0	22.2	48.5	27	1.67	11.7	12.3	12.7	10.9							
Y	493,775	56.33	68.12	9.45	0.42	0.508	570	463	0.61	-0.044	0.304	-0.9	51.7	51.7	9.1	3.78	36.0	36.9	33.0	26.0							
G	493,567	16.08	42.53	9.42	0.236	0.625	535	530	202	-0.007	0.498	-4.40	29.5	53.0	146	23.6	21.2	21.9	21.3	17.8							
C	380,567	28.18	46.41	78.36	0.184	0.303	489	596	0.244	-0.54	0.418	-43.0	-22.2	48.5	207	2.57	23.8	24.5	23.5	19.4							
B	380,493	16.37	8.37	78.36	0.166	0.084	463	570	0.66	-2.82	2.472	0.9	-51.7	51.7	271	0.46	-15.2	-14.8	-19.0	-16.0							
M	507,493	56.62	33.96	78.87	0.344	0.206	535	535	1.134	-0.696	0.624	44.0	-29.5	53.0	326	1.88	14.9	15.5	15.7	13.4							
W	380,775	68.43	72.0	73.84	0.312	0.329	726	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	47.9	38.8	34.4	26.9									
N	380,775	4.27	4.5	4.9	0.312	0.329	4.9	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9							
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	180	1.0	-0.4	0.0	0.0	0.0							

fgc01-1a

$XYZ_W=96.42, 100.0, 82.49$

-74 Parameter:

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

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

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

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

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

$$x_c = 0,110, B_c = 1,000$$

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

6 Ostwald-Farben (o), $C_{AB2} = \text{const}$

Farbenraum (C_{AB2}, Y)

$$Y = 18Y_T$$



Lichtart D50, $Y_W=72.0, Y_N=4.5$

Name	Bereich	X	Y	Z	x_N	y_N	z_N	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	C_{AB2}	A_{AB2}	B_{AB2}	Y_T	L^*	C^*	H^*	L^*_{TUV}	C^*_{TUV}	H^*_{TUV}	L^*_{TAR}	C^*_{TAR}	H^*_{TAR}
R	570,775	48.14	31.49	3.74	0.577	0.377	598	491	1.237	-0.047	0.645	45.6	22.2	50.7	25	1.74	12.9	13.5	13.9	11.9							
Y	496,775	60.43	67.97	6.59	0.447	0.503	573	468	0.67	-0.038	0.291	2.2	49.4	49.5	8.7	3.77	35.9	36.8	33.0	26.0							
G	496,570	16.03	40.97	6.55	0.259	0.638	538	530	235	-0.064	0.5	-43.4	27.2	51.2	147	22.7	20.1	20.8	20.4	17.1							
C	380,570	25.62	45.0	59.36	0.197	0.346	491	598	0.251	-0.527	0.451	-45.6	-22.2	50.7	205	2.5	22.8	23.6	22.7	18.9							
B	380,496	13.32	8.52	56.52	0.17	0.108	468	573	0.552	-2.65	2.323	-2.2	-49.4	49.5	267	0.47	-14.9	-14.5	-18.5	-15.6							
M	570,496	57.13	35.52	56.55	0.382	0.238	538	538	1.146	-0.636	0.577	43.4	-27.2	51.2	327	1.97	16.1	16.8	16.8	14.3							
W	380,775	69.42	72.0	59.39	0.345	0.358	726	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	37.9	38.8	34.4	26.9									
N	380,775	4.33	4.5	3.71	0.345	0.358	4.9	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9							
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	192	1.0	-0.4	0.0	0.0	0.0							

fgc01-2a

$XYZ_W=100.93, 100.0, 64.68$

-74 Parameter:

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

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

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

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

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

$$x_c = 0,110, B_c = 1,300$$

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

6 Ostwald-Farben (o), $C_{AB2} = \text{const}$

Farbenraum (C_{AB2}, Y)

$$Y = 18Y_T$$



Lichtart P40, $Y_W=72.0, Y_N=4.5$

Name	Bereich	X	Y	Z	x_N	y_N	z_N	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	C_{AB2}	A_{AB2}	B_{AB2}	Y_T	L^*	C^*	H^*	L^*_{TUV}	C^*_{TUV}	H^*_{TUV}	L^*_{TAR}	C^*_{TAR}	H^*_{TAR}
R	573,775	51.92	32.27	2.94	0.595	0.37	600	493	1.111	-0.047	0.661	47.9	23.3	53.3	25	1.79	13.5	14.2	14.5	12.4							
Y	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	8.7	3.82	36.4	37.3	33.3	26.2							
G	498,573	18.3	41.08	5.62	0.281	0.631	540	540	271	-0.071	0.518	-45.7	27.2	53.2	149	22.8	20.2	20.9	20.5	17.1							
C	380,579	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	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	573,498	58.59	35.41	43.86	0.426	0.256	540	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	380,775	72.67	72.0	46.57	0.379	0.376	726	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	37.9	38.8	34.4	26.9									
N	380,775	4.54	4.5	29.1	0.379	0.376	4.9	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9							
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	180	1.0	-0.4	0.0	0.0	0.0							

fgc01-3a

$XYZ_W=109.84, 99.99, 35.58$

-74 Parameter:

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

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

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

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

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

$$x_c = 0,110, B_c = 2,500$$

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

6 Ostwald-Farben (o), $C_{AB2} = \text{const}$

Farbenraum (C_{AB2}, Y)

$$Y = 18Y_T$$



Lichtart A00, $Y_W=72.0, Y_N=4.5$

Name	Bereich	X	Y	Z	x_N	y_N	z_N	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	C_{AB2}	A_{AB2}	B_{AB2}	Y_T	L^*	C^*	H^*	L^*_{TUV}	C^*_{TUV}	H^*_{TUV}	L^*_{TAR}	C^*_{TAR}	H^*_{TAR}
R	579,775	58.86	33.53	1.62	0.626	0.356	605	499	1.446	-0.048	0.69	51.8	25.7	57.8	26	1.86	14.5	15.2	15.4	13.1							
Y	504,775	75.46	69.28	3.17	0.51	0.468	581	474	0.854	-0.045	0.311	4.4	53.6	53.8	8.5	3.84	36.6	37.5	33.4	26.3							
G	504,579	21.53	40.25	3.15	0.31	0.619	547	547	357	-0.078	0.546	-47.3	27.9	54.9	149	22.3	19.6	20.3	20.0	16.7							
C	380,579	25.17	42.96	25.95	0.268	0.458	499	605	0.345	-0.595	0.539	-41.8	-25.7	57.8	206	2.38	21.5	22.2	21.6	18.0							
B	380,504	8.57	2.71	24.04	0.215	0.181	474	581	0.581	-3.332	2.986	-4.4	-53.6	53.8	265	0.4	-17.7	-17.3	-22.7	-18.8							
M	579,504	62.49	36.24	24.07	0.508	0.295	547	547	1.351	-0.664	0.606	47.3	-27.9	54.9	329	2.01	16.7	17.3	17.3	14.7							
W	380,775	79.09	71.99	25.61	0.447	0.407	726	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	37.9	38.8	34.4	26.9									
N	380,775	4.4	4.5	19.6	0.447	0.407	4.9	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9							
U	380,775	19.77	17.99	6.4	0.447	0.407	18.0	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0							

fgc01-4a

fgc00-7R_L