

XYZ<sub>w</sub>=95.04, 100.0, 108.89

-74 Parameter:

 $L^*_{TAR}=L^*_{TAR}-50$ 

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

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

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

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

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

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

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

6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$ Farbenraum ( $C_{AB,2}, L^*_{TAR}$ )

$$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$$

$$Y_c = Y/18, x = \log[Y_c]$$

$$Lichtart D65, Y_w = 72,0, Y_n = 4,5$$

Name Bereich X Y W Z z X<sub>N</sub> Y<sub>N</sub> λ<sub>a</sub> λ<sub>c</sub> a<sub>2</sub> b<sub>2</sub> c<sub>2</sub> A<sub>2</sub> B<sub>2</sub> C<sub>AB,2</sub> L<sub>TAR</sub> Y<sub>c</sub> L<sub>TAR</sub> L<sub>TAR</sub> L<sub>TAR</sub> L<sub>TAR</sub> L<sub>TAR</sub>

R	567	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	62.12	9.45	0.42	0.508	570	463	0.61	-0.044	0.304	-0.9	51.7	51.7	91	3.78	36.0	36.9	33.0	26.0
G	493	775	16.08	48.53	4.24	0.236	0.625	535	330	202	-0.007	0.498	-44.0	25.9	53.0	146	2.36	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	83.37	78.36	0.166	0.084	463	570	0.066	-2.82	2.472	0.9	0.0	0.0	0.0	4.6	-15.2	-14.8	-19.0	-16.0
M	567	493	56.62	33.96	78.37	0.344	0.206	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	72%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	37.9	38.8	34.4	26.9		
N	380	775	4.27	4.5	4.9	0.312	0.329	4%	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%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	0.75	10.0	-0.4	0.0	0.0

fgc41-1a

XYZ<sub>w</sub>=96.42, 100.0, 82.49

-74 Parameter:

$$L^*_{TAR}=L^*_{TAR}-50$$

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

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

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

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

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

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

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

6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$ Farbenraum ( $C_{AB,2}, L^*_{TAR}$ )

$$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$$

$$Y_c = Y/18, x = \log[Y_c]$$

Lichtart D50, Y\_w = 72,0, Y\_n = 4,5

Name	Bereich	X	Y	W	Z	z	X <sub>N</sub>	Y <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	L <sub>TAR</sub>	Y <sub>c</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>
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	87	3.77	35.9	36.8	33.0	26.0		
G	496	570	16.63	40.9	6.59	0.529	0.638	538	330	235	-0.064	0.5	-43.4	27.2	51.2	147	2.27	20.1	20.8	20.1	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	85.2	56.32	0.17	0.108	468	573	0.052	-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	56.35	0.382	0.238	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	72%	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%	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%	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	192	1.0	-0.4	0.0	0.0	0.0		

fgc41-2a

XYZ<sub>w</sub>=100.93, 100.0, 64.68

-74 Parameter:

 $L^*_{TAR}=L^*_{TAR}-50$ 

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

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

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

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

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

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

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

6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$ Farbenraum ( $C_{AB,2}, L^*_{TAR}$ )

$$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$$

$$Y_c = Y/18, x = \log[Y_c]$$

Lichtart P40, Y\_w = 72,0, Y\_n = 4,5

Name	Bereich	X	Y	W	Z	z	X <sub>N</sub>	Y <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	L <sub>TAR</sub>	Y <sub>c</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>
R	573	775	51.92	32.27	2.94	0.595	0.37	600	493	1.11	-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	87	3.82	36.3	37.3	33.3	26.2		
G	498	573	18.33	41.08	5.62	0.281	0.631	540	270	271	-0.071	0.518	-45.7	27.2	53.2	149	2.28	20.2	20.9	20.5	17.1		
C	380	573	25.49	42.22	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	76.4	43.83	0.182	0.121	468	576	0.061	-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	1.234	-0.644	0.601	45.7	-27.2	53.3	329	1.96	16.0	16.7	16.8	14.2			
W	380	775	67.67	72.0	46.57	0.379	0.376	72%	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	2.91	0.379	0.376	4%	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%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0		

fgc41-3a

XYZ<sub>w</sub>=109.84, 99.99, 35.58

-74 Parameter:

$$L^*_{TAR}=L^*_{TAR}-50$$

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

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

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

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

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

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

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

6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$ Farbenraum ( $C_{AB,2}, L^*_{TAR}$ )

$$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$$

$$Y_c = Y/18, x = \log[Y_c]$$

Lichtart A00, Y\_w = 72,0, Y\_n = 4,5

Name	Bereich	X	Y	W	Z	z	X <sub>N</sub>	Y <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	L <sub>TAR</sub>	Y <sub>c</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>	L <sub>TAR</sub>
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	85	3.84	36.6	37.5	33.4	26.2		
G	504	579	21.53	40.25	3.15	0.31	0.619	547	305	347	-0.078	0.546	-47.3	27.9	54.9	149	2.32	19.6	20.3	20.0	16.7		
C	380	579	25.17	42.96	25.99	0.268	0.458	499	605	0.345	-0.595	0.539	-51.8	-25.7	57.8	206	2.38	21.5	22.2	21.6	18.0		
B	380	504	8.27	24.21	24.04	0.215	0.181	474	581	0.581	-3.322	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	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	72%	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	1.61	0.447	0.407	4%	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%	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0		

fgc41-4a

fgc40-7R\_R