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Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$\text{rgb} \rightarrow \text{olv}_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,d}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,d}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	52.52	106.33	35.8	0.0	0.0	35.8	1.0	0.0	r15j	m87o
1	0.0	0.0	0.125	270.0	52.52	106.33	35.8	6.56	13.29	35.8	0.875	0.125	r15j	m87o
2	0.0	0.0	0.25	270.0	52.52	106.33	35.8	13.13	26.58	35.8	0.75	0.25	r15j	m87o
3	0.0	0.0	0.375	270.0	52.52	106.33	35.8	19.69	39.87	35.8	0.625	0.375	r15j	m87o
4	0.0	0.0	0.5	270.0	52.52	106.33	35.8	26.26	53.16	35.8	0.5	0.5	r15j	m87o
5	0.0	0.0	0.625	270.0	52.52	106.33	35.8	32.82	66.45	35.8	0.375	0.625	r15j	m87o
6	0.0	0.0	0.75	270.0	52.52	106.33	35.8	39.39	79.75	35.8	0.25	0.75	r15j	m87o
7	0.0	0.0	0.875	270.0	52.52	106.33	35.8	45.95	93.04	35.8	0.125	0.875	r15j	m87o
8	0.0	0.0	1.0	270.0	52.52	106.33	35.8	52.52	106.33	35.8	0.0	1.0	r15j	m87o
729	1.0	1.0	1.0	0.0	52.52	106.33	35.8	95.41	0.0	35.8	0.0	0.0	r15j	m87o
730	0.875	1.0	1.0	210.0	52.52	106.33	35.8	90.05	13.29	35.8	0.0	0.125	r15j	m87o
731	0.75	1.0	1.0	210.0	52.52	106.33	35.8	84.69	26.58	35.8	0.0	0.25	r15j	m87o
732	0.625	1.0	1.0	210.0	52.52	106.33	35.8	79.33	39.87	35.8	0.0	0.375	r15j	m87o
733	0.5	1.0	1.0	210.0	52.52	106.33	35.8	73.96	53.16	35.8	0.0	0.5	r15j	m87o
734	0.375	1.0	1.0	210.0	52.52	106.33	35.8	68.6	66.45	35.8	0.0	0.625	r15j	m87o
735	0.25	1.0	1.0	210.0	52.52	106.33	35.8	63.24	79.75	35.8	0.0	0.75	r15j	m87o
736	0.125	1.0	1.0	210.0	52.52	106.33	35.8	57.88	93.04	35.8	0.0	0.875	r15j	m87o
737	0.0	1.0	1.0	210.0	52.52	106.33	35.8	52.52	106.33	35.8	0.0	1.0	r15j	m87o
972	0.0	0.0	0.0	0.0	52.52	106.33	35.8	0.0	0.0	35.8	1.0	0.0	r15j	m87o
973	0.125	0.125	0.125	0.0	52.52	106.33	35.8	11.93	0.0	35.8	0.875	0.0	r15j	m87o
974	0.25	0.25	0.25	0.0	52.52	106.33	35.8	23.85	0.0	35.8	0.75	0.0	r15j	m87o
975	0.375	0.375	0.375	0.0	52.52	106.33	35.8	35.78	0.0	35.8	0.625	0.0	r15j	m87o
976	0.5	0.5	0.5	0.0	52.52	106.33	35.8	47.7	0.0	35.8	0.5	0.0	r15j	m87o
977	0.625	0.625	0.625	0.0	52.52	106.33	35.8	59.63	0.0	35.8	0.375	0.0	r15j	m87o
978	0.75	0.75	0.75	0.0	52.52	106.33	35.8	71.56	0.0	35.8	0.25	0.0	r15j	m87o
979	0.875	0.875	0.875	0.0	52.52	106.33	35.8	83.48	0.0	35.8	0.125	0.0	r15j	m87o
980	1.0	1.0	1.0	0.0	52.52	106.33	35.8	95.41	0.0	35.8	0.0	0.0	r15j	m87o
1072	0.0	0.0	0.0	0.0	52.52	106.33	35.8	0.0	0.0	35.8	1.0	0.0	r15j	m87o
1073	1.0	1.0	1.0	0.0	52.52	106.33	35.8	95.41	0.0	35.8	0.0	0.0	r15j	m87o
1074	1.0	0.0	0.0	30.0	52.52	106.33	35.8	52.52	106.33	35.8	0.0	1.0	r15j	m87o
1075	0.0	1.0	1.0	210.0	52.52	106.33	35.8	52.52	106.33	35.8	0.0	1.0	r15j	m87o
1076	1.0	1.0	0.0	90.0	52.52	106.33	35.8	52.52	106.33	35.8	0.0	1.0	r15j	m87o
1077	0.0	0.0	1.0	270.0	52.52	106.33	35.8	52.52	106.33	35.8	0.0	1.0	r15j	m87o
1078	0.0	1.0	0.0	150.0	52.52	106.33	35.8	52.52	106.33	35.8	0.0	1.0	r15j	m87o
1079	1.0	0.0	1.0	330.0	52.52	106.33	35.8	52.52	106.33	35.8	0.0	1.0	r15j	m87o
1080	0.0	1.0	0.0	150.0	52.52	106.33	35.8	52.52	106.33	35.8	0.0	1.0	r15j	m87o

KE730-7N, 1, Series olv*3: N-v00m, W-c00v, N-W, 8 device colours; display reflection $L_r=0\%$; Page 1/8

TUB-test chart KE73; 35 example olv^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: $\text{rgb} \rightarrow \text{olv}^*$ setrgbcolor
output: no change compared to input

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n_{rgb}	$\text{rgb} \rightarrow \text{olv}_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,d}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,d}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	52.5	100.4	34.6	4.97	0.0	34.6	1.0	0.0	r13j	m89o
1	0.0	0.0	0.125	270.0	52.5	100.4	34.6	10.91	12.55	34.6	0.875	0.125	r13j	m89o
2	0.0	0.0	0.25	270.0	52.5	100.4	34.6	16.85	25.1	34.6	0.75	0.25	r13j	m89o
3	0.0	0.0	0.375	270.0	52.5	100.4	34.6	22.79	37.65	34.6	0.625	0.375	r13j	m89o
4	0.0	0.0	0.5	270.0	52.5	100.4	34.6	28.73	50.2	34.6	0.5	0.5	r13j	m89o
5	0.0	0.0	0.625	270.0	52.5	100.4	34.6	34.68	62.75	34.6	0.375	0.625	r13j	m89o
6	0.0	0.0	0.75	270.0	52.5	100.4	34.6	40.62	75.3	34.6	0.25	0.75	r13j	m89o
7	0.0	0.0	0.875	270.0	52.5	100.4	34.6	46.56	87.85	34.6	0.125	0.875	r13j	m89o
8	0.0	0.0	1.0	270.0	52.5	100.4	34.6	52.5	100.4	34.6	0.0	1.0	r13j	m89o
729	1.0	1.0	1.0	0.0	52.5	100.4	34.6	95.41	0.0	34.6	0.0	0.0	r13j	m89o
730	0.875	1.0	1.0	210.0	52.5	100.4	34.6	90.05	12.55	34.6	0.0	0.125	r13j	m89o
731	0.75	1.0	1.0	210.0	52.5	100.4	34.6	84.68	25.1	34.6	0.0	0.25	r13j	m89o
732	0.625	1.0	1.0	210.0	52.5	100.4	34.6	79.32	37.65	34.6	0.0	0.375	r13j	m89o
733	0.5	1.0	1.0	210.0	52.5	100.4	34.6	73.95	50.2	34.6	0.0	0.5	r13j	m89o
734	0.375	1.0	1.0	210.0	52.5	100.4	34.6	68.59	62.75	34.6	0.0	0.625	r13j	m89o
735	0.25	1.0	1.0	210.0	52.5	100.4	34.6	63.23	75.3	34.6	0.0	0.75	r13j	m89o
736	0.125	1.0	1.0	210.0	52.5	100.4	34.6	57.86	87.85	34.6	0.0	0.875	r13j	m89o
737	0.0	1.0	1.0	210.0	52.5	100.4	34.6	52.5	100.4	34.6	0.0	1.0	r13j	m89o
972	0.0	0.0	0.0	0.0	52.5	100.4	34.6	4.97	0.0	34.6	1.0	0.0	r13j	m89o
973	0.125	0.125	0.125	0.0	52.5	100.4	34.6	16.27	0.0	34.6	0.875	0.0	r13j	m89o
974	0.25	0.25	0.25	0.0	52.5	100.4	34.6	27.58	0.0	34.6	0.75	0.0	r13j	m89o
975	0.375	0.375	0.375	0.0	52.5	100.4	34.6	38.88	0.0	34.6	0.625	0.0	r13j	m89o
976	0.5	0.5	0.5	0.0	52.5	100.4	34.6	50.19	0.0	34.6	0.5	0.0	r13j	m89o
977	0.625	0.625	0.625	0.0	52.5	100.4	34.6	61.49	0.0	34.6	0.375	0.0	r13j	m89o
978	0.75	0.75	0.75	0.0	52.5	100.4	34.6	72.8	0.0	34.6	0.25	0.0	r13j	m89o
979	0.875	0.875	0.875	0.0	52.5	100.4	34.6	84.1	0.0	34.6	0.125	0.0	r13j	m89o
980	1.0	1.0	1.0	0.0	52.5	100.4	34.6	95.41	0.0	34.6	0.0	0.0	r13j	m89o
1072	0.0	0.0	0.0	0.0	52.5	100.4	34.6	4.97	0.0	34.6	1.0	0.0	r13j	m89o
1073	1.0	1.0	1.0	0.0	52.5	100.4	34.6	95.41	0.0	34.6	0.0	0.0	r13j	m89o
1074	1.0	0.0	0.0	30.0	52.5	100.4	34.6	52.5	100.4	34.6	0.0	1.0	r13j	m89o
1075	0.0	1.0	1.0	210.0	52.5	100.4	34.6	52.5	100.4	34.6	0.0	1.0	r13j	m89o
1076	1.0	1.0	0.0	90.0	52.5	100.4	34.6	52.5	100.4	34.6	0.0	1.0	r13j	m89o
1077	0.0	0.0	1.0	270.0	52.5	100.4	34.6	52.5	100.4	34.6	0.0	1.0	r13j	m89o
1078	0.0	1.0	0.0	150.0	52.5	100.4	34.6	52.5	100.4	34.6	0.0	1.0	r13j	m89o
1079	1.0	0.0	1.0	330.0	52.5	100.4	34.6	52.5	100.4	34.6	0.0	1.0	r13j	m89o
1080	0.0	1.0	0.0	150.0	52.5	100.4	34.6	52.5	100.4	34.6	0.0	1.0	r13j	m89o

KE730-7N, 2, Series olv*3: N-v00m, W-c00v, N-W, 8 device colours; display reflection $L_r=0,6\%$; Page 2/8

TUB-test chart KE73; 35 example olv^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: $\text{rgb} \rightarrow \text{olv}^*$ setrgbcolor
output: no change compared to input

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n_{rgb}	$\text{rgb} \rightarrow \text{olv}_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,d}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,d}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	52.66	95.91	33.5	10.41	0.0	33.5	1.0	0.0	r12j	m90o
1	0.0	0.0	0.125	270.0	52.66	95.91	33.5	15.7	11.99	33.5	0.875	0.125	r12j	m90o
2	0.0	0.0	0.25	270.0	52.66	95.91	33.5	20.98	23.98	33.5	0.75	0.25	r12j	m90o
3	0.0	0.0	0.375	270.0	52.66	95.91	33.5	26.26	35.97	33.5	0.625	0.375	r12j	m90o
4	0.0	0.0	0.5	270.0	52.66	95.91	33.5	31.54	47.96	33.5	0.5	0.5	r12j	m90o
5	0.0	0.0	0.625	270.0	52.66	95.91	33.5	36.82	59.95	33.5	0.375	0.625	r12j	m90o
6	0.0	0.0	0.75	270.0	52.66	95.91	33.5	42.1	71.94	33.5	0.25	0.75	r12j	m90o
7	0.0	0.0	0.875	270.0	52.66	95.91	33.5	47.38	83.93	33.5	0.125	0.875	r12j	m90o
8	0.0	0.0	1.0	270.0	52.66	95.91	33.5	52.66	95.91	33.5	0.0	1.0	r12j	m90o
729	1.0	1.0	1.0	0.0	52.66	95.91	33.5	95.41	0.0	33.5	0.0	0.0	r12j	m90o
730	0.875	1.0	1.0	210.0	52.66	95.91	33.5	90.07	11.99	33.5	0.0	0.125	r12j	m90o
731	0.75	1.0	1.0	210.0	52.66	95.91	33.5	84.72	23.98	33.5	0.0	0.25	r12j	m90o
732	0.625	1.0	1.0	210.0	52.66	95.91	33.5	79.38	35.97	33.5	0.0	0.375	r12j	m90o
733	0.5	1.0	1.0	210.0	52.66	95.91	33.5	74.04	47.96	33.5	0.0	0.5	r12j	m90o
734	0.375	1.0	1.0	210.0	52.66	95.91	33.5	68.69	59.95	33.5	0.0	0.625	r12j	m90o
735	0.25	1.0	1.0	210.0	52.66	95.91	33.5	63.35	71.94	33.5	0.0	0.75	r12j	m90o
736	0.125	1.0	1.0	210.0	52.66	95.91	33.5	58.01	83.93	33.5	0.0	0.875	r12j	m90o
737	0.0	1.0	1.0	210.0	52.66	95.91	33.5	52.66	95.91	33.5	0.0	1.0	r12j	m90o
972	0.0	0.0	0.0	0.0	52.66	95.91	33.5	10.41	0.0	33.5	1.0	0.0	r12j	m90o
973	0.125	0.125	0.125	0.0	52.66	95.91	33.5	21.04	0.0	33.5	0.875	0.0	r12j	m90o
974	0.25	0.25	0.25	0.0	52.66	95.91	33.5	31.66	0.0	33.5	0.75	0.0	r12j	m90o
975	0.375	0.375	0.375	0.0	52.66	95.91	33.5	42.29	0.0	33.5	0.625	0.0	r12j	m90o
976	0.5	0.5	0.5	0.0	52.66	95.91	33.5	52.91	0.0	33.5	0.5	0.0	r12j	m90o
977	0.625	0.625	0.625	0.0	52.66	95.91	33.5	63.54	0.0	33.5	0.375	0.0	r12j	m90o
978	0.75	0.75	0.75	0.0	52.66	95.91	33.5	74.16	0.0	33.5	0.25	0.0	r12j	m90o
979	0.875	0.875	0.875	0.0	52.66	95.91	33.5	84.78	0.0	33.5	0.125	0.0	r12j	m90o
980	1.0	1.0	1.0	0.0	52.66	95.91	33.5	95.41	0.0	33.5	0.0	0.0	r12j	m90o
1072	0.0	0.0	0.0	0.0	52.66	95.91	33.5	10.41	0.0	33.5	1.0	0.0	r12j	m90o
1073	1.0	1.0	1.0	0.0	52.66	95.91	33.5	95.41	0.0	33.5	0.0	0.0	r12j	m90o
1074	1.0	0.0	0.0	30.0	52.66	95.91	33.5	52.66	95.91	33.5	0.0	1.0	r12j	m90o
1075	0.0	1.0	1.0	210.0	52.66	95.91	33.5	52.66	95.91	33.5	0.0	1.0	r12j	m90o
1076	1.0	1.0	0.0	90.0	52.66	95.91	33.5	52.66	95.91	33.5	0.0	1.0	r12j	m90o
1077	0.0	0.0	1.0	270.0	52.66	95.91	33.5	52.66	95.91	33.5	0.0	1.0	r12j	m90o
1078	0.0	1.0	0.0	150.0	52.66	95.91	33.5	52.66	95.91	33.5	0.0	1.0	r12j	m90o
1079	1.0	0.0	1.0	330.0	52.66	95.91	33.5	52.66	95.91	33.5	0.0	1.0	r12j	m90o
1080	0.0	1.0	0.0	150.0	52.66	95.91	33.5	52.66	95.91	33.5	0.0	1.0	r12j	m90o

KE730-7N, 3, Series olv*3: N-v00m, W-c00v, N-W, 8 device colours; display reflection $L_r=1,2\%$; Page 3/8

TUB-test chart KE73; 35 example olv^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: $\text{rgb} \rightarrow \text{olv}^*$ setrgbcolor
output: no change compared to input

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Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE73/KE73L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n_{rgb}	$\text{rgb} \rightarrow \text{olv}_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,d}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,d}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	53.45	89.08	31.9	17.65	0.0	31.9	1.0	0.0	r9j	m91o
1	0.0	0.0	0.125	270.0	53.45	89.08	31.9	22.13	11.14	31.9	0.875	0.125	r9j	m91o
2	0.0	0.0	0.25	270.0	53.45	89.08	31.9	26.6	22.27	31.9	0.75	0.25	r9j	m91o
3	0.0	0.0	0.375	270.0	53.45	89.08	31.9	31.08	33.41	31.9	0.625	0.375	r9j	m91o
4	0.0	0.0	0.5	270.0	53.45	89.08	31.9	35.55	44.54	31.9	0.5	0.5	r9j	m91o
5	0.0	0.0	0.625	270.0	53.45	89.08	31.9	40.02	55.68	31.9	0.375	0.625	r9j	m91o
6	0.0	0.0	0.75	270.0	53.45	89.08	31.9	44.5	66.81	31.9	0.25	0.75	r9j	m91o
7	0.0	0.0	0.875	270.0	53.45	89.08	31.9	48.97	77.95	31.9	0.125	0.875	r9j	m91o
8	0.0	0.0	1.0	270.0	53.45	89.08	31.9	53.45	89.08	31.9	0.0	1.0	r9j	m91o
729	1.0	1.0	1.0	0.0	53.45	89.08	31.9	95.41	0.0	31.9	0.0	0.0	r9j	m91o
730	0.875	1.0	1.0	210.0	53.45	89.08	31.9	90.16	11.14	31.9	0.0	0.125	r9j	m91o
731	0.75	1.0	1.0	210.0	53.45	89.08	31.9	84.92	22.27	31.9	0.0	0.25	r9j	m91o
732	0.625	1.0	1.0	210.0	53.45	89.08	31.9	79.67	33.41	31.9	0.0	0.375	r9j	m91o
733	0.5	1.0	1.0	210.0	53.45	89.08	31.9	74.43	44.54	31.9	0.0	0.5	r9j	m91o
734	0.375	1.0	1.0	210.0	53.45	89.08	31.9	69.18	55.68	31.9	0.0	0.625	r9j	m91o
735	0.25	1.0	1.0	210.0	53.45	89.08	31.9	63.94	66.81	31.9	0.0	0.75	r9j	m91o
736	0.125	1.0	1.0	210.0	53.45	89.08	31.9	58.69	77.95	31.9	0.0	0.875	r9j	m91o
737	0.0	1.0	1.0	210.0	53.45	89.08	31.9	53.45	89.08	31.9	0.0	1.0	r9j	m91o
972	0.0	0.0	0.0	0.0	53.45	89.08	31.9	17.65	0.0	31.9	1.0	0.0	r9j	m91o
973	0.125	0.125	0.125	0.0	53.45	89.08	31.9	27.37	0.0	31.9	0.875	0.0	r9j	m91o
974	0.25	0.25	0.25	0.0	53.45	89.08	31.9	37.09	0.0	31.9	0.75	0.0	r9j	m91o
975	0.375	0.375	0.375	0.0	53.45	89.08	31.9	46.81	0.0	31.9	0.625	0.0	r9j	m91o
976	0.5	0.5	0.5	0.0	53.45	89.08	31.9	56.53	0.0	31.9	0.5	0.0	r9j	m91o
977	0.625	0.625	0.625	0.0	53.45	89.08	31.9	66.25	0.0	31.9	0.375	0.0	r9j	m91o
978	0.75	0.75	0.75	0.0	53.45	89.08	31.9	75.97	0.0	31.9	0.25	0.0	r9j	m91o
979	0.875	0.875	0.875	0.0	53.45	89.08	31.9	85.69	0.0	31.9	0.125	0.0	r9j	m91o
980	1.0	1.0	1.0	0.0	53.45	89.08	31.9	95.41	0.0	31.9	0.0	0.0	r9j	m91o
1072	0.0	0.0	0.0	0.0	53.45	89.08	31.9	17.65	0.0	31.9	1.0	0.0	r9j	m91o
1073	1.0	1.0	1.0	0.0	53.45	89.08	31.9	95.41	0.0	31.9	0.0	0.0	r9j	m91o
1074	1.0	0.0	0.0	30.0	53.45	89.08	31.9	53.45	89.08	31.9	0.0	1.0	r9j	m91o
1075	0.0	1.0	1.0	210.0	53.45	89.08	31.9	53.45	89.08	31.9	0.0	1.0	r9j	m91o
1076	1.0	1.0	0.0	90.0	53.45	89.08	31.9	53.45	89.08	31.9	0.0	1.0	r9j	m91o
1077	0.0	0.0	1.0	270.0	53.45	89.08	31.9	53.45	89.08	31.9	0.0	1.0	r9j	m91o
1078	0.0	1.0	0.0	150.0	53.45	89.08	31.9	53.45	89.08	31.9	0.0	1.0	r9j	m91o
1079	1.0	0.0	1.0	330.0	53.45	89.08	31.9	53.45	89.08	31.9	0.0	1.0	r9j	m91o
1080	0.0	1.0	0.0	150.0	53.45	89.08	31.9	53.45	89.08	31.9	0.0	1.0	r9j	m91o

KE730-7N, 4, Series olv*3: N-v00m, W-c00v, N-W, 8 device colours; display reflection $L_r=2,5\%$; Page 4/8

TUB-test chart KE73; 35 example olv^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: $\text{rgb} \rightarrow \text{olv}^*$ setrgbcolor
output: no change compared to input

See original or copy: <http://web.me.com/klaus.richter/KE73/KE73L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$\text{rgb} \rightarrow \text{olv}_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,d}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,d}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	55.14	79.72	29.4	26.63	0.0	29.4	1.0	0.0	r06j	m93o
1	0.0	0.0	0.125	270.0	55.14	79.72	29.4	30.2	9.97	29.4	0.875	0.125	r06j	m93o
2	0.0	0.0	0.25	270.0	55.14	79.72	29.4	33.76	19.93	29.4	0.75	0.25	r06j	m93o
3	0.0	0.0	0.375	270.0	55.14	79.72	29.4	37.32	29.9	29.4	0.625	0.375	r06j	m93o
4	0.0	0.0	0.5	270.0	55.14	79.72	29.4	40.89	39.86	29.4	0.5	0.5	r06j	m93o
5	0.0	0.0	0.625	270.0	55.14	79.72	29.4	44.45	49.83	29.4	0.375	0.625	r06j	m93o
6	0.0	0.0	0.75	270.0	55.14	79.72	29.4	48.01	59.79	29.4	0.25	0.75	r06j	m93o
7	0.0	0.0	0.875	270.0	55.14	79.72	29.4	51.57	69.76	29.4	0.125	0.875	r06j	m93o
8	0.0	0.0	1.0	270.0	55.14	79.72	29.4	55.14	79.72	29.4	0.0	1.0	r06j	m93o
729	1.0	1.0	1.0	0.0	55.14	79.72	29.4	95.41	0.0	29.4	0.0	0.0	r06j	m93o
730	0.875	1.0	1.0	210.0	55.14	79.72	29.4	90.37	9.97	29.4	0.0	0.125	r06j	m93o
731	0.75	1.0	1.0	210.0	55.14	79.72	29.4	85.34	19.93	29.4	0.0	0.25	r06j	m93o
732	0.625	1.0	1.0	210.0	55.14	79.72	29.4	80.31	29.9	29.4	0.0	0.375	r06j	m93o
733	0.5	1.0	1.0	210.0	55.14	79.72	29.4	75.27	39.86	29.4	0.0	0.5	r06j	m93o
734	0.375	1.0	1.0	210.0	55.14	79.72	29.4	70.24	49.83	29.4	0.0	0.625	r06j	m93o
735	0.25	1.0	1.0	210.0	55.14	79.72	29.4	65.21	59.79	29.4	0.0	0.75	r06j	m93o
736	0.125	1.0	1.0	210.0	55.14	79.72	29.4	60.17	69.76	29.4	0.0	0.875	r06j	m93o
737	0.0	1.0	1.0	210.0	55.14	79.72	29.4	55.14	79.72	29.4	0.0	1.0	r06j	m93o
972	0.0	0.0	0.0	0.0	55.14	79.72	29.4	26.63	0.0	29.4	1.0	0.0	r06j	m93o
973	0.125	0.125	0.125	0.0	55.14	79.72	29.4	35.23	0.0	29.4	0.875	0.0	r06j	m93o
974	0.25	0.25	0.25	0.0	55.14	79.72	29.4	43.83	0.0	29.4	0.75	0.0	r06j	m93o
975	0.375	0.375	0.375	0.0	55.14	79.72	29.4	52.42	0.0	29.4	0.625	0.0	r06j	m93o
976	0.5	0.5	0.5	0.0	55.14	79.72	29.4	61.02	0.0	29.4	0.5	0.0	r06j	m93o
977	0.625	0.625	0.625	0.0	55.14	79.72	29.4	69.62	0.0	29.4	0.375	0.0	r06j	m93o
978	0.75	0.75	0.75	0.0	55.14	79.72	29.4	78.21	0.0	29.4	0.25	0.0	r06j	m93o
979	0.875	0.875	0.875	0.0	55.14	79.72	29.4	86.81	0.0	29.4	0.125	0.0	r06j	m93o
980	1.0	1.0	1.0	0.0	55.14	79.72	29.4	95.41	0.0	29.4	0.0	0.0	r06j	m93o
1072	0.0	0.0	0.0	0.0	55.14	79.72	29.4	26.63	0.0	29.4	1.0	0.0	r06j	m93o
1073	1.0	1.0	1.0	0.0	55.14	79.72	29.4	95.41	0.0	29.4	0.0	0.0	r06j	m93o
1074	1.0	0.0	0.0	30.0	55.14	79.72	29.4	55.14	79.72	29.4	0.0	1.0	r06j	m93o
1075	0.0	1.0	1.0	210.0	55.14	79.72	29.4	55.14	79.72	29.4	0.0	1.0	r06j	m93o
1076	1.0	1.0	0.0	90.0	55.14	79.72	29.4	55.14	79.72	29.4	0.0	1.0	r06j	m93o
1077	0.0	0.0	1.0	270.0	55.14	79.72	29.4	55.14	79.72	29.4	0.0	1.0	r06j	m93o
1078	0.0	1.0	0.0	150.0	55.14	79.72	29.4	55.14	79.72	29.4	0.0	1.0	r06j	m93o
1079	1.0	0.0	1.0	330.0	55.14	79.72	29.4	55.14	79.72	29.4	0.0	1.0	r06j	m93o
1080	0.0	1.0	0.0	150.0	55.14	79.72	29.4	55.14	79.72	29.4	0.0	1.0	r06j	m93o

KE730-7N, 5, Series olv*3: N-v00m, W-c00v, N-W, 8 device colours; display reflection $L_r=5\%$; Page 5/8

TUB-test chart KE73; 35 example olv^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: $\text{rgb} \rightarrow \text{olv}^*$ *setrgbcolor*
output: *no change compared to input*

See original or copy: <http://web.me.com/klaus.richter/KE73/KE73L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE73/KE73L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n_{rgb}	$\text{rgb} \rightarrow \text{olv}_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,d}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,d}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	58.6	67.09	26.4	37.86	0.0	26.4	1.0	0.0	r01j	m94o
1	0.0	0.0	0.125	270.0	58.6	67.09	26.4	40.45	8.39	26.4	0.875	0.125	r01j	m94o
2	0.0	0.0	0.25	270.0	58.6	67.09	26.4	43.04	16.77	26.4	0.75	0.25	r01j	m94o
3	0.0	0.0	0.375	270.0	58.6	67.09	26.4	45.64	25.16	26.4	0.625	0.375	r01j	m94o
4	0.0	0.0	0.5	270.0	58.6	67.09	26.4	48.23	33.55	26.4	0.5	0.5	r01j	m94o
5	0.0	0.0	0.625	270.0	58.6	67.09	26.4	50.82	41.93	26.4	0.375	0.625	r01j	m94o
6	0.0	0.0	0.75	270.0	58.6	67.09	26.4	53.42	50.32	26.4	0.25	0.75	r01j	m94o
7	0.0	0.0	0.875	270.0	58.6	67.09	26.4	56.01	58.71	26.4	0.125	0.875	r01j	m94o
8	0.0	0.0	1.0	270.0	58.6	67.09	26.4	58.6	67.09	26.4	0.0	1.0	r01j	m94o
729	1.0	1.0	1.0	0.0	58.6	67.09	26.4	95.41	0.0	26.4	0.0	0.0	r01j	m94o
730	0.875	1.0	1.0	210.0	58.6	67.09	26.4	90.81	8.39	26.4	0.0	0.125	r01j	m94o
731	0.75	1.0	1.0	210.0	58.6	67.09	26.4	86.21	16.77	26.4	0.0	0.25	r01j	m94o
732	0.625	1.0	1.0	210.0	58.6	67.09	26.4	81.61	25.16	26.4	0.0	0.375	r01j	m94o
733	0.5	1.0	1.0	210.0	58.6	67.09	26.4	77.01	33.55	26.4	0.0	0.5	r01j	m94o
734	0.375	1.0	1.0	210.0	58.6	67.09	26.4	72.41	41.93	26.4	0.0	0.625	r01j	m94o
735	0.25	1.0	1.0	210.0	58.6	67.09	26.4	67.8	50.32	26.4	0.0	0.75	r01j	m94o
736	0.125	1.0	1.0	210.0	58.6	67.09	26.4	63.2	58.71	26.4	0.0	0.875	r01j	m94o
737	0.0	1.0	1.0	210.0	58.6	67.09	26.4	58.6	67.09	26.4	0.0	1.0	r01j	m94o
972	0.0	0.0	0.0	0.0	58.6	67.09	26.4	37.86	0.0	26.4	1.0	0.0	r01j	m94o
973	0.125	0.125	0.125	0.0	58.6	67.09	26.4	45.05	0.0	26.4	0.875	0.0	r01j	m94o
974	0.25	0.25	0.25	0.0	58.6	67.09	26.4	52.25	0.0	26.4	0.75	0.0	r01j	m94o
975	0.375	0.375	0.375	0.0	58.6	67.09	26.4	59.44	0.0	26.4	0.625	0.0	r01j	m94o
976	0.5	0.5	0.5	0.0	58.6	67.09	26.4	66.63	0.0	26.4	0.5	0.0	r01j	m94o
977	0.625	0.625	0.625	0.0	58.6	67.09	26.4	73.83	0.0	26.4	0.375	0.0	r01j	m94o
978	0.75	0.75	0.75	0.0	58.6	67.09	26.4	81.02	0.0	26.4	0.25	0.0	r01j	m94o
979	0.875	0.875	0.875	0.0	58.6	67.09	26.4	88.21	0.0	26.4	0.125	0.0	r01j	m94o
980	1.0	1.0	1.0	0.0	58.6	67.09	26.4	95.41	0.0	26.4	0.0	0.0	r01j	m94o
1072	0.0	0.0	0.0	0.0	58.6	67.09	26.4	37.86	0.0	26.4	1.0	0.0	r01j	m94o
1073	1.0	1.0	1.0	0.0	58.6	67.09	26.4	95.41	0.0	26.4	0.0	0.0	r01j	m94o
1074	1.0	0.0	0.0	30.0	58.6	67.09	26.4	58.6	67.09	26.4	0.0	1.0	r01j	m94o
1075	0.0	1.0	1.0	210.0	58.6	67.09	26.4	58.6	67.09	26.4	0.0	1.0	r01j	m94o
1076	1.0	1.0	0.0	90.0	58.6	67.09	26.4	58.6	67.09	26.4	0.0	1.0	r01j	m94o
1077	0.0	0.0	1.0	270.0	58.6	67.09	26.4	58.6	67.09	26.4	0.0	1.0	r01j	m94o
1078	0.0	1.0	0.0	150.0	58.6	67.09	26.4	58.6	67.09	26.4	0.0	1.0	r01j	m94o
1079	1.0	0.0	1.0	330.0	58.6	67.09	26.4	58.6	67.09	26.4	0.0	1.0	r01j	m94o
1080	0.0	1.0	0.0	150.0	58.6	67.09	26.4	58.6	67.09	26.4	0.0	1.0	r01j	m94o

KE730-7N, 6, Series olv*3: N-v00m, W-c00v, N-W, 8 device colours; display reflection $L_r=10\%$; Page 6/8

TUB-test chart KE73; 35 example olv^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: $\text{rgb} \rightarrow \text{olv}^*$ setrgbcolor
output: no change compared to input

See original or copy: <http://web.me.com/klaus.richter/KE73/KE73L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$\text{rgb} \rightarrow \text{olv}_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,d}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,d}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	65.34	49.63	23.3	51.95	0.0	23.3	1.0	0.0	b97r	m95o
1	0.0	0.0	0.125	270.0	65.34	49.63	23.3	53.62	6.2	23.3	0.875	0.125	b97r	m95o
2	0.0	0.0	0.25	270.0	65.34	49.63	23.3	55.3	12.41	23.3	0.75	0.25	b97r	m95o
3	0.0	0.0	0.375	270.0	65.34	49.63	23.3	56.97	18.61	23.3	0.625	0.375	b97r	m95o
4	0.0	0.0	0.5	270.0	65.34	49.63	23.3	58.64	24.81	23.3	0.5	0.5	b97r	m95o
5	0.0	0.0	0.625	270.0	65.34	49.63	23.3	60.32	31.02	23.3	0.375	0.625	b97r	m95o
6	0.0	0.0	0.75	270.0	65.34	49.63	23.3	61.99	37.22	23.3	0.25	0.75	b97r	m95o
7	0.0	0.0	0.875	270.0	65.34	49.63	23.3	63.66	43.42	23.3	0.125	0.875	b97r	m95o
8	0.0	0.0	1.0	270.0	65.34	49.63	23.3	65.34	49.63	23.3	0.0	1.0	b97r	m95o
729	1.0	1.0	1.0	0.0	65.34	49.63	23.3	95.41	0.0	23.3	0.0	0.0	b97r	m95o
730	0.875	1.0	1.0	210.0	65.34	49.63	23.3	91.65	6.2	23.3	0.0	0.125	b97r	m95o
731	0.75	1.0	1.0	210.0	65.34	49.63	23.3	87.89	12.41	23.3	0.0	0.25	b97r	m95o
732	0.625	1.0	1.0	210.0	65.34	49.63	23.3	84.13	18.61	23.3	0.0	0.375	b97r	m95o
733	0.5	1.0	1.0	210.0	65.34	49.63	23.3	80.37	24.81	23.3	0.0	0.5	b97r	m95o
734	0.375	1.0	1.0	210.0	65.34	49.63	23.3	76.61	31.02	23.3	0.0	0.625	b97r	m95o
735	0.25	1.0	1.0	210.0	65.34	49.63	23.3	72.85	37.22	23.3	0.0	0.75	b97r	m95o
736	0.125	1.0	1.0	210.0	65.34	49.63	23.3	69.1	43.42	23.3	0.0	0.875	b97r	m95o
737	0.0	1.0	1.0	210.0	65.34	49.63	23.3	65.34	49.63	23.3	0.0	1.0	b97r	m95o
972	0.0	0.0	0.0	0.0	65.34	49.63	23.3	51.95	0.0	23.3	1.0	0.0	b97r	m95o
973	0.125	0.125	0.125	0.0	65.34	49.63	23.3	57.38	0.0	23.3	0.875	0.0	b97r	m95o
974	0.25	0.25	0.25	0.0	65.34	49.63	23.3	62.81	0.0	23.3	0.75	0.0	b97r	m95o
975	0.375	0.375	0.375	0.0	65.34	49.63	23.3	68.25	0.0	23.3	0.625	0.0	b97r	m95o
976	0.5	0.5	0.5	0.0	65.34	49.63	23.3	73.68	0.0	23.3	0.5	0.0	b97r	m95o
977	0.625	0.625	0.625	0.0	65.34	49.63	23.3	79.11	0.0	23.3	0.375	0.0	b97r	m95o
978	0.75	0.75	0.75	0.0	65.34	49.63	23.3	84.54	0.0	23.3	0.25	0.0	b97r	m95o
979	0.875	0.875	0.875	0.0	65.34	49.63	23.3	89.98	0.0	23.3	0.125	0.0	b97r	m95o
980	1.0	1.0	1.0	0.0	65.34	49.63	23.3	95.41	0.0	23.3	0.0	0.0	b97r	m95o
1072	0.0	0.0	0.0	0.0	65.34	49.63	23.3	51.95	0.0	23.3	1.0	0.0	b97r	m95o
1073	1.0	1.0	1.0	0.0	65.34	49.63	23.3	95.41	0.0	23.3	0.0	0.0	b97r	m95o
1074	1.0	0.0	0.0	30.0	65.34	49.63	23.3	65.34	49.63	23.3	0.0	1.0	b97r	m95o
1075	0.0	1.0	1.0	210.0	65.34	49.63	23.3	65.34	49.63	23.3	0.0	1.0	b97r	m95o
1076	1.0	1.0	0.0	90.0	65.34	49.63	23.3	65.34	49.63	23.3	0.0	1.0	b97r	m95o
1077	0.0	0.0	1.0	270.0	65.34	49.63	23.3	65.34	49.63	23.3	0.0	1.0	b97r	m95o
1078	0.0	1.0	0.0	150.0	65.34	49.63	23.3	65.34	49.63	23.3	0.0	1.0	b97r	m95o
1079	1.0	0.0	1.0	330.0	65.34	49.63	23.3	65.34	49.63	23.3	0.0	1.0	b97r	m95o
1080	0.0	1.0	0.0	150.0	65.34	49.63	23.3	65.34	49.63	23.3	0.0	1.0	b97r	m95o

KE730-7N, 7, Series olv*3: N-v00m, W-c00v, N-W, 8 device colours; display reflection $L_r=20\%$; Page 7/8

TUB-test chart KE73; 35 example olv^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: $\text{rgb} \rightarrow \text{olv}^*$ setrgbcolor
output: no change compared to input

See original or copy: <http://web.me.com/klaus.richter/KE73/KE73L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$\text{rgb} \rightarrow \text{olv}_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,d}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,d}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	76.34	28.09	20.5	69.67	0.0	20.5	1.0	0.0	b95r	m95o
1	0.0	0.0	0.125	270.0	76.34	28.09	20.5	70.5	3.51	20.5	0.875	0.125	b95r	m95o
2	0.0	0.0	0.25	270.0	76.34	28.09	20.5	71.33	7.02	20.5	0.75	0.25	b95r	m95o
3	0.0	0.0	0.375	270.0	76.34	28.09	20.5	72.17	10.54	20.5	0.625	0.375	b95r	m95o
4	0.0	0.0	0.5	270.0	76.34	28.09	20.5	73.0	14.05	20.5	0.5	0.5	b95r	m95o
5	0.0	0.0	0.625	270.0	76.34	28.09	20.5	73.84	17.56	20.5	0.375	0.625	b95r	m95o
6	0.0	0.0	0.75	270.0	76.34	28.09	20.5	74.67	21.07	20.5	0.25	0.75	b95r	m95o
7	0.0	0.0	0.875	270.0	76.34	28.09	20.5	75.51	24.58	20.5	0.125	0.875	b95r	m95o
8	0.0	0.0	1.0	270.0	76.34	28.09	20.5	76.34	28.09	20.5	0.0	1.0	b95r	m95o
729	1.0	1.0	1.0	0.0	76.34	28.09	20.5	95.41	0.0	20.5	0.0	0.0	b95r	m95o
730	0.875	1.0	1.0	210.0	76.34	28.09	20.5	93.03	3.51	20.5	0.0	0.125	b95r	m95o
731	0.75	1.0	1.0	210.0	76.34	28.09	20.5	90.64	7.02	20.5	0.0	0.25	b95r	m95o
732	0.625	1.0	1.0	210.0	76.34	28.09	20.5	88.26	10.54	20.5	0.0	0.375	b95r	m95o
733	0.5	1.0	1.0	210.0	76.34	28.09	20.5	85.87	14.05	20.5	0.0	0.5	b95r	m95o
734	0.375	1.0	1.0	210.0	76.34	28.09	20.5	83.49	17.56	20.5	0.0	0.625	b95r	m95o
735	0.25	1.0	1.0	210.0	76.34	28.09	20.5	81.11	21.07	20.5	0.0	0.75	b95r	m95o
736	0.125	1.0	1.0	210.0	76.34	28.09	20.5	78.72	24.58	20.5	0.0	0.875	b95r	m95o
737	0.0	1.0	1.0	210.0	76.34	28.09	20.5	76.34	28.09	20.5	0.0	1.0	b95r	m95o
972	0.0	0.0	0.0	0.0	76.34	28.09	20.5	69.67	0.0	20.5	1.0	0.0	b95r	m95o
973	0.125	0.125	0.125	0.0	76.34	28.09	20.5	72.88	0.0	20.5	0.875	0.0	b95r	m95o
974	0.25	0.25	0.25	0.0	76.34	28.09	20.5	76.1	0.0	20.5	0.75	0.0	b95r	m95o
975	0.375	0.375	0.375	0.0	76.34	28.09	20.5	79.32	0.0	20.5	0.625	0.0	b95r	m95o
976	0.5	0.5	0.5	0.0	76.34	28.09	20.5	82.54	0.0	20.5	0.5	0.0	b95r	m95o
977	0.625	0.625	0.625	0.0	76.34	28.09	20.5	85.76	0.0	20.5	0.375	0.0	b95r	m95o
978	0.75	0.75	0.75	0.0	76.34	28.09	20.5	88.97	0.0	20.5	0.25	0.0	b95r	m95o
979	0.875	0.875	0.875	0.0	76.34	28.09	20.5	92.19	0.0	20.5	0.125	0.0	b95r	m95o
980	1.0	1.0	1.0	0.0	76.34	28.09	20.5	95.41	0.0	20.5	0.0	0.0	b95r	m95o
1072	0.0	0.0	0.0	0.0	76.34	28.09	20.5	69.67	0.0	20.5	1.0	0.0	b95r	m95o
1073	1.0	1.0	1.0	0.0	76.34	28.09	20.5	95.41	0.0	20.5	0.0	0.0	b95r	m95o
1074	1.0	0.0	0.0	30.0	76.34	28.09	20.5	76.34	28.09	20.5	0.0	1.0	b95r	m95o
1075	0.0	1.0	1.0	210.0	76.34	28.09	20.5	76.34	28.09	20.5	0.0	1.0	b95r	m95o
1076	1.0	1.0	0.0	90.0	76.34	28.09	20.5	76.34	28.09	20.5	0.0	1.0	b95r	m95o
1077	0.0	0.0	1.0	270.0	76.34	28.09	20.5	76.34	28.09	20.5	0.0	1.0	b95r	m95o
1078	0.0	1.0	0.0	150.0	76.34	28.09	20.5	76.34	28.09	20.5	0.0	1.0	b95r	m95o
1079	1.0	0.0	1.0	330.0	76.34	28.09	20.5	76.34	28.09	20.5	0.0	1.0	b95r	m95o
1080	0.0	1.0	0.0	150.0	76.34	28.09	20.5	76.34	28.09	20.5	0.0	1.0	b95r	m95o

KE730-7N, 8, Series olv*3: N-v00m, W-c00v, N-W, 8 device colours; display reflection $L_r=40\%$; Page 8/8

TUB-test chart KE73; 35 example olv^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: $\text{rgb} \rightarrow \text{olv}^*$ setrgbcolor
output: no change compared to input