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n_{rgb}	$\text{rgb} \rightarrow \text{rgb}^*_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,e}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,e}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	51.73	83.56	357.0	0.0	0.0	357.0	1.0	0.0	b75r	m47o
1	0.0	0.0	0.125	270.0	58.86	59.98	271.8	7.36	7.5	271.8	0.875	0.125	b00r	c39v
2	0.0	0.0	0.25	270.0	58.87	59.96	271.8	14.72	14.99	271.8	0.75	0.25	b00r	c39v
3	0.0	0.0	0.375	270.0	58.87	59.95	271.8	22.08	22.48	271.8	0.625	0.375	b00r	c39v
4	0.0	0.0	0.5	270.0	58.88	59.95	271.7	29.44	29.97	271.7	0.5	0.5	b00r	c39v
5	0.0	0.0	0.625	270.0	58.88	59.95	271.7	36.8	37.47	271.7	0.375	0.625	b00r	c39v
6	0.0	0.0	0.75	270.0	58.88	59.94	271.7	44.16	44.96	271.7	0.25	0.75	b00r	c39v
7	0.0	0.0	0.875	270.0	58.88	59.94	271.7	51.52	52.45	271.7	0.125	0.875	b00r	c39v
8	0.0	0.0	1.0	270.0	58.88	59.94	271.7	58.88	59.94	271.7	0.0	1.0	b00r	c39v
729	1.0	1.0	1.0	0.0	51.73	83.56	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
730	0.875	1.0	1.0	210.0	79.69	45.34	217.0	93.44	5.67	217.0	0.0	0.125	g50b	c08v
731	0.75	1.0	1.0	210.0	79.7	45.34	217.0	91.48	11.34	217.0	0.0	0.25	g50b	c08v
732	0.625	1.0	1.0	210.0	79.7	45.34	217.0	89.52	17.0	217.0	0.0	0.375	g50b	c08v
733	0.5	1.0	1.0	210.0	79.7	45.34	217.0	87.55	22.67	217.0	0.0	0.5	g50b	c08v
734	0.375	1.0	1.0	210.0	79.7	45.34	217.0	85.59	28.34	217.0	0.0	0.625	g50b	c08v
735	0.25	1.0	1.0	210.0	79.7	45.34	217.0	83.63	34.01	217.0	0.0	0.75	g50b	c08v
736	0.125	1.0	1.0	210.0	79.7	45.34	217.0	81.66	39.68	217.0	0.0	0.875	g50b	c08v
737	0.0	1.0	1.0	210.0	79.7	45.34	217.0	79.7	45.34	217.0	0.0	1.0	g50b	c08v
972	0.0	0.0	0.0	0.0	51.73	83.56	357.0	0.0	0.0	357.0	1.0	0.0	b75r	m47o
973	0.125	0.125	0.125	0.0	51.73	83.56	357.0	11.93	0.0	357.0	0.875	0.0	b75r	m47o
974	0.25	0.25	0.25	0.0	51.73	83.56	357.0	23.85	0.0	357.0	0.75	0.0	b75r	m47o
975	0.375	0.375	0.375	0.0	51.73	83.56	357.0	35.78	0.0	357.0	0.625	0.0	b75r	m47o
976	0.5	0.5	0.5	0.0	51.73	83.56	357.0	47.7	0.0	357.0	0.5	0.0	b75r	m47o
977	0.625	0.625	0.625	0.0	51.73	83.56	357.0	59.63	0.0	357.0	0.375	0.0	b75r	m47o
978	0.75	0.75	0.75	0.0	51.73	83.56	357.0	71.56	0.0	357.0	0.25	0.0	b75r	m47o
979	0.875	0.875	0.875	0.0	51.73	83.56	357.0	83.48	0.0	357.0	0.125	0.0	b75r	m47o
980	1.0	1.0	1.0	0.0	51.73	83.56	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1072	0.0	0.0	0.0	0.0	51.73	83.56	357.0	0.0	0.0	357.0	1.0	0.0	b75r	m47o
1073	1.0	1.0	1.0	0.0	51.73	83.56	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1074	1.0	0.0	0.0	30.0	50.49	87.9	25.5	50.49	87.9	25.5	0.0	1.0	b99r	m79o
1075	0.0	1.0	1.0	210.0	79.7	45.34	217.0	79.7	45.34	217.0	0.0	1.0	g50b	c08v
1076	1.0	1.0	0.0	90.0	83.47	100.08	92.3	83.47	100.08	92.3	0.0	1.0	r99j	o89y
1077	0.0	0.0	1.0	270.0	58.88	59.94	271.7	58.88	59.94	271.7	0.0	1.0	b00r	c39v
1078	0.0	1.0	0.0	150.0	85.38	66.23	162.2	85.38	66.23	162.2	0.0	1.0	j99g	l77c
1079	1.0	0.0	1.0	330.0	56.15	111.45	328.6	56.15	111.45	328.6	0.0	1.0	b50r	m02o
1080	0.0	1.0	0.0	150.0	85.38	66.23	162.2	85.38	66.23	162.2	0.0	1.0	j99g	l77c

KE720-7N, 1, Series rgb^*_3 : N-b00r, W-g50b, N-W, 8 elementary colours; display reflection $L_r=0\%$; Page 1/8

TUB-test chart KE72; 35 example rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

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n_{rgb}	$\text{rgb} \rightarrow \text{rgb}^*_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,e}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,e}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	52.28	82.17	357.0	4.97	0.0	357.0	1.0	0.0	b75r	m47o
1	0.0	0.0	0.125	270.0	59.26	59.31	271.8	11.76	7.41	271.8	0.875	0.125	b00r	c39v
2	0.0	0.0	0.25	270.0	59.27	59.29	271.8	18.55	14.82	271.8	0.75	0.25	b00r	c39v
3	0.0	0.0	0.375	270.0	59.28	59.28	271.8	25.34	22.23	271.8	0.625	0.375	b00r	c39v
4	0.0	0.0	0.5	270.0	59.28	59.28	271.7	32.13	29.64	271.7	0.5	0.5	b00r	c39v
5	0.0	0.0	0.625	270.0	59.28	59.28	271.7	38.91	37.05	271.7	0.375	0.625	b00r	c39v
6	0.0	0.0	0.75	270.0	59.28	59.27	271.7	45.7	44.46	271.7	0.25	0.75	b00r	c39v
7	0.0	0.0	0.875	270.0	59.28	59.27	271.7	52.49	51.86	271.7	0.125	0.875	b00r	c39v
8	0.0	0.0	1.0	270.0	59.28	59.27	271.7	59.28	59.27	271.7	0.0	1.0	b00r	c39v
729	1.0	1.0	1.0	0.0	52.28	82.17	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
730	0.875	1.0	1.0	210.0	79.85	44.9	217.0	93.46	5.61	217.0	0.0	0.125	g50b	c08v
731	0.75	1.0	1.0	210.0	79.86	44.91	217.0	91.52	11.23	217.0	0.0	0.25	g50b	c08v
732	0.625	1.0	1.0	210.0	79.86	44.91	217.0	89.58	16.84	217.0	0.0	0.375	g50b	c08v
733	0.5	1.0	1.0	210.0	79.86	44.91	217.0	87.63	22.45	217.0	0.0	0.5	g50b	c08v
734	0.375	1.0	1.0	210.0	79.86	44.91	217.0	85.69	28.07	217.0	0.0	0.625	g50b	c08v
735	0.25	1.0	1.0	210.0	79.86	44.91	217.0	83.75	33.68	217.0	0.0	0.75	g50b	c08v
736	0.125	1.0	1.0	210.0	79.86	44.91	217.0	81.8	39.29	217.0	0.0	0.875	g50b	c08v
737	0.0	1.0	1.0	210.0	79.86	44.91	217.0	79.86	44.91	217.0	0.0	1.0	g50b	c08v
972	0.0	0.0	0.0	0.0	52.28	82.17	357.0	4.97	0.0	357.0	1.0	0.0	b75r	m47o
973	0.125	0.125	0.125	0.0	52.28	82.17	357.0	16.27	0.0	357.0	0.875	0.0	b75r	m47o
974	0.25	0.25	0.25	0.0	52.28	82.17	357.0	27.58	0.0	357.0	0.75	0.0	b75r	m47o
975	0.375	0.375	0.375	0.0	52.28	82.17	357.0	38.88	0.0	357.0	0.625	0.0	b75r	m47o
976	0.5	0.5	0.5	0.0	52.28	82.17	357.0	50.19	0.0	357.0	0.5	0.0	b75r	m47o
977	0.625	0.625	0.625	0.0	52.28	82.17	357.0	61.49	0.0	357.0	0.375	0.0	b75r	m47o
978	0.75	0.75	0.75	0.0	52.28	82.17	357.0	72.8	0.0	357.0	0.25	0.0	b75r	m47o
979	0.875	0.875	0.875	0.0	52.28	82.17	357.0	84.1	0.0	357.0	0.125	0.0	b75r	m47o
980	1.0	1.0	1.0	0.0	52.28	82.17	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1072	0.0	0.0	0.0	0.0	52.28	82.17	357.0	4.97	0.0	357.0	1.0	0.0	b75r	m47o
1073	1.0	1.0	1.0	0.0	52.28	82.17	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1074	1.0	0.0	0.0	30.0	51.05	86.19	25.5	51.05	86.19	25.5	0.0	1.0	b99r	m80o
1075	0.0	1.0	1.0	210.0	79.86	44.91	217.0	79.86	44.91	217.0	0.0	1.0	g50b	c08v
1076	1.0	1.0	0.0	90.0	83.52	97.21	92.3	83.52	97.21	92.3	0.0	1.0	r99j	o89y
1077	0.0	0.0	1.0	270.0	59.28	59.27	271.7	59.28	59.27	271.7	0.0	1.0	b00r	c39v
1078	0.0	1.0	0.0	150.0	85.46	65.54	162.2	85.46	65.54	162.2	0.0	1.0	j99g	l77c
1079	1.0	0.0	1.0	330.0	56.59	109.88	328.6	56.59	109.88	328.6	0.0	1.0	b50r	m02o
1080	0.0	1.0	0.0	150.0	85.46	65.54	162.2	85.46	65.54	162.2	0.0	1.0	j99g	l77c

KE720-7N, 2, Series rgb^*_3 : N-b00r, W-g50b, N-W, 8 elementary colours; display reflection $L_r=0,6\%$; Page 2/8

TUB-test chart KE72; 35 example rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

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n_{rgb}	$\text{rgb} \rightarrow \text{rgb}^*_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,e}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,e}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	52.82	80.8	357.0	10.41	0.0	357.0	1.0	0.0	b75r	m47o
1	0.0	0.0	0.125	270.0	59.66	58.65	271.8	16.57	7.33	271.8	0.875	0.125	b00r	c39v
2	0.0	0.0	0.25	270.0	59.67	58.63	271.8	22.73	14.66	271.8	0.75	0.25	b00r	c39v
3	0.0	0.0	0.375	270.0	59.67	58.62	271.8	28.89	21.98	271.8	0.625	0.375	b00r	c39v
4	0.0	0.0	0.5	270.0	59.67	58.62	271.7	35.04	29.31	271.7	0.5	0.5	b00r	c39v
5	0.0	0.0	0.625	270.0	59.68	58.62	271.7	41.2	36.63	271.7	0.375	0.625	b00r	c39v
6	0.0	0.0	0.75	270.0	59.68	58.61	271.7	47.36	43.96	271.7	0.25	0.75	b00r	c39v
7	0.0	0.0	0.875	270.0	59.68	58.61	271.7	53.52	51.29	271.7	0.125	0.875	b00r	c39v
8	0.0	0.0	1.0	270.0	59.68	58.61	271.7	59.68	58.61	271.7	0.0	1.0	b00r	c39v
729	1.0	1.0	1.0	0.0	52.82	80.8	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
730	0.875	1.0	1.0	210.0	80.01	44.47	217.0	93.48	5.56	217.0	0.0	0.125	g50b	c08v
731	0.75	1.0	1.0	210.0	80.01	44.47	217.0	91.56	11.12	217.0	0.0	0.25	g50b	c08v
732	0.625	1.0	1.0	210.0	80.01	44.47	217.0	89.64	16.68	217.0	0.0	0.375	g50b	c08v
733	0.5	1.0	1.0	210.0	80.02	44.47	217.0	87.71	22.24	217.0	0.0	0.5	g50b	c08v
734	0.375	1.0	1.0	210.0	80.02	44.47	217.0	85.79	27.8	217.0	0.0	0.625	g50b	c08v
735	0.25	1.0	1.0	210.0	80.02	44.47	217.0	83.86	33.36	217.0	0.0	0.75	g50b	c08v
736	0.125	1.0	1.0	210.0	80.02	44.47	217.0	81.94	38.91	217.0	0.0	0.875	g50b	c08v
737	0.0	1.0	1.0	210.0	80.02	44.47	217.0	80.02	44.47	217.0	0.0	1.0	g50b	c08v
972	0.0	0.0	0.0	0.0	52.82	80.8	357.0	10.41	0.0	357.0	1.0	0.0	b75r	m47o
973	0.125	0.125	0.125	0.0	52.82	80.8	357.0	21.04	0.0	357.0	0.875	0.0	b75r	m47o
974	0.25	0.25	0.25	0.0	52.82	80.8	357.0	31.66	0.0	357.0	0.75	0.0	b75r	m47o
975	0.375	0.375	0.375	0.0	52.82	80.8	357.0	42.29	0.0	357.0	0.625	0.0	b75r	m47o
976	0.5	0.5	0.5	0.0	52.82	80.8	357.0	52.91	0.0	357.0	0.5	0.0	b75r	m47o
977	0.625	0.625	0.625	0.0	52.82	80.8	357.0	63.54	0.0	357.0	0.375	0.0	b75r	m47o
978	0.75	0.75	0.75	0.0	52.82	80.8	357.0	74.16	0.0	357.0	0.25	0.0	b75r	m47o
979	0.875	0.875	0.875	0.0	52.82	80.8	357.0	84.78	0.0	357.0	0.125	0.0	b75r	m47o
980	1.0	1.0	1.0	0.0	52.82	80.8	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1072	0.0	0.0	0.0	0.0	52.82	80.8	357.0	10.41	0.0	357.0	1.0	0.0	b75r	m47o
1073	1.0	1.0	1.0	0.0	52.82	80.8	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1074	1.0	0.0	0.0	30.0	51.6	84.51	25.5	51.6	84.51	25.5	0.0	1.0	b99r	m80o
1075	0.0	1.0	1.0	210.0	80.02	44.47	217.0	80.02	44.47	217.0	0.0	1.0	g50b	c08v
1076	1.0	1.0	0.0	90.0	83.58	94.56	92.3	83.58	94.56	92.3	0.0	1.0	r99j	o89y
1077	0.0	0.0	1.0	270.0	59.68	58.61	271.7	59.68	58.61	271.7	0.0	1.0	b00r	c39v
1078	0.0	1.0	0.0	150.0	85.54	64.86	162.2	85.54	64.86	162.2	0.0	1.0	j99g	l77c
1079	1.0	0.0	1.0	330.0	57.03	108.32	328.6	57.03	108.32	328.6	0.0	1.0	b50r	m02o
1080	0.0	1.0	0.0	150.0	85.54	64.86	162.2	85.54	64.86	162.2	0.0	1.0	j99g	l77c

KE720-7N, 3, Series rgb^*_3 : N-b00r, W-g50b, N-W, 8 elementary colours; display reflection $L_r=1,2\%$; Page 3/8

TUB-test chart KE72; 35 example rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

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n_{rgb}	$\text{rgb} \rightarrow \text{rgb}^*_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma},e}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa},e}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	53.88	78.16	357.0	17.65	0.0	357.0	1.0	0.0	b75r	m47o
1	0.0	0.0	0.125	270.0	60.43	57.35	271.8	23.0	7.17	271.8	0.875	0.125	b00r	c39v
2	0.0	0.0	0.25	270.0	60.44	57.33	271.8	28.35	14.33	271.8	0.75	0.25	b00r	c39v
3	0.0	0.0	0.375	270.0	60.45	57.32	271.8	33.7	21.5	271.8	0.625	0.375	b00r	c39v
4	0.0	0.0	0.5	270.0	60.45	57.32	271.7	39.05	28.66	271.7	0.5	0.5	b00r	c39v
5	0.0	0.0	0.625	270.0	60.45	57.32	271.7	44.4	35.82	271.7	0.375	0.625	b00r	c39v
6	0.0	0.0	0.75	270.0	60.45	57.31	271.7	49.75	42.99	271.7	0.25	0.75	b00r	c39v
7	0.0	0.0	0.875	270.0	60.45	57.31	271.7	55.1	50.15	271.7	0.125	0.875	b00r	c39v
8	0.0	0.0	1.0	270.0	60.45	57.31	271.7	60.45	57.31	271.7	0.0	1.0	b00r	c39v
729	1.0	1.0	1.0	0.0	53.88	78.16	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
730	0.875	1.0	1.0	210.0	80.32	43.61	217.0	93.52	5.45	217.0	0.0	0.125	g50b	c08v
731	0.75	1.0	1.0	210.0	80.32	43.61	217.0	91.64	10.9	217.0	0.0	0.25	g50b	c08v
732	0.625	1.0	1.0	210.0	80.32	43.62	217.0	89.75	16.36	217.0	0.0	0.375	g50b	c08v
733	0.5	1.0	1.0	210.0	80.32	43.62	217.0	87.87	21.81	217.0	0.0	0.5	g50b	c08v
734	0.375	1.0	1.0	210.0	80.32	43.62	217.0	85.98	27.26	217.0	0.0	0.625	g50b	c08v
735	0.25	1.0	1.0	210.0	80.32	43.62	217.0	84.1	32.71	217.0	0.0	0.75	g50b	c08v
736	0.125	1.0	1.0	210.0	80.32	43.62	217.0	82.21	38.16	217.0	0.0	0.875	g50b	c08v
737	0.0	1.0	1.0	210.0	80.32	43.62	217.0	80.32	43.62	217.0	0.0	1.0	g50b	c08v
972	0.0	0.0	0.0	0.0	53.88	78.16	357.0	17.65	0.0	357.0	1.0	0.0	b75r	m47o
973	0.125	0.125	0.125	0.0	53.88	78.16	357.0	27.37	0.0	357.0	0.875	0.0	b75r	m47o
974	0.25	0.25	0.25	0.0	53.88	78.16	357.0	37.09	0.0	357.0	0.75	0.0	b75r	m47o
975	0.375	0.375	0.375	0.0	53.88	78.16	357.0	46.81	0.0	357.0	0.625	0.0	b75r	m47o
976	0.5	0.5	0.5	0.0	53.88	78.16	357.0	56.53	0.0	357.0	0.5	0.0	b75r	m47o
977	0.625	0.625	0.625	0.0	53.88	78.16	357.0	66.25	0.0	357.0	0.375	0.0	b75r	m47o
978	0.75	0.75	0.75	0.0	53.88	78.16	357.0	75.97	0.0	357.0	0.25	0.0	b75r	m47o
979	0.875	0.875	0.875	0.0	53.88	78.16	357.0	85.69	0.0	357.0	0.125	0.0	b75r	m47o
980	1.0	1.0	1.0	0.0	53.88	78.16	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1072	0.0	0.0	0.0	0.0	53.88	78.16	357.0	17.65	0.0	357.0	1.0	0.0	b75r	m47o
1073	1.0	1.0	1.0	0.0	53.88	78.16	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1074	1.0	0.0	0.0	30.0	52.69	81.3	25.5	52.69	81.3	25.5	0.0	1.0	b99r	m81o
1075	0.0	1.0	1.0	210.0	80.32	43.62	217.0	80.32	43.62	217.0	0.0	1.0	g50b	c08v
1076	1.0	1.0	0.0	90.0	83.7	89.8	92.3	83.7	89.8	92.3	0.0	1.0	r99j	o88y
1077	0.0	0.0	1.0	270.0	60.45	57.31	271.7	60.45	57.31	271.7	0.0	1.0	b00r	c39v
1078	0.0	1.0	0.0	150.0	85.69	63.52	162.2	85.69	63.52	162.2	0.0	1.0	j99g	l77c
1079	1.0	0.0	1.0	330.0	57.9	105.28	328.6	57.9	105.28	328.6	0.0	1.0	b50r	m02o
1080	0.0	1.0	0.0	150.0	85.69	63.52	162.2	85.69	63.52	162.2	0.0	1.0	j99g	l77c

KE720-7N, 4, Series rgb^*_3 : N-b00r, W-g50b, N-W, 8 elementary colours; display reflection $L_r=2,5\%$; Page 4/8

TUB-test chart KE72; 35 example rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

See original or copy: <http://web.me.com/klaus.richter/KE72/KE72L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$\text{rgb} \rightarrow \text{rgb}^*_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,e}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,e}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	55.9	73.21	357.0	26.63	0.0	357.0	1.0	0.0	b75r	m47o
1	0.0	0.0	0.125	270.0	61.94	54.83	271.8	31.05	6.85	271.8	0.875	0.125	b00r	c39v
2	0.0	0.0	0.25	270.0	61.95	54.8	271.8	35.46	13.7	271.8	0.75	0.25	b00r	c39v
3	0.0	0.0	0.375	270.0	61.96	54.8	271.8	39.88	20.55	271.8	0.625	0.375	b00r	c39v
4	0.0	0.0	0.5	270.0	61.96	54.79	271.7	44.3	27.4	271.7	0.5	0.5	b00r	c39v
5	0.0	0.0	0.625	270.0	61.96	54.79	271.7	48.71	34.24	271.7	0.375	0.625	b00r	c39v
6	0.0	0.0	0.75	270.0	61.96	54.79	271.7	53.13	41.09	271.7	0.25	0.75	b00r	c39v
7	0.0	0.0	0.875	270.0	61.96	54.79	271.7	57.55	47.94	271.7	0.125	0.875	b00r	c39v
8	0.0	0.0	1.0	270.0	61.96	54.79	271.7	61.96	54.79	271.7	0.0	1.0	b00r	c39v
729	1.0	1.0	1.0	0.0	55.9	73.21	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
730	0.875	1.0	1.0	210.0	80.92	41.93	217.0	93.6	5.24	217.0	0.0	0.125	g50b	c07v
731	0.75	1.0	1.0	210.0	80.93	41.93	217.0	91.79	10.48	217.0	0.0	0.25	g50b	c07v
732	0.625	1.0	1.0	210.0	80.93	41.93	217.0	89.98	15.72	217.0	0.0	0.375	g50b	c07v
733	0.5	1.0	1.0	210.0	80.93	41.93	217.0	88.17	20.97	217.0	0.0	0.5	g50b	c07v
734	0.375	1.0	1.0	210.0	80.93	41.93	217.0	86.36	26.21	217.0	0.0	0.625	g50b	c07v
735	0.25	1.0	1.0	210.0	80.93	41.93	217.0	84.55	31.45	217.0	0.0	0.75	g50b	c07v
736	0.125	1.0	1.0	210.0	80.93	41.93	217.0	82.74	36.69	217.0	0.0	0.875	g50b	c07v
737	0.0	1.0	1.0	210.0	80.93	41.93	217.0	80.93	41.93	217.0	0.0	1.0	g50b	c07v
972	0.0	0.0	0.0	0.0	55.9	73.21	357.0	26.63	0.0	357.0	1.0	0.0	b75r	m47o
973	0.125	0.125	0.125	0.0	55.9	73.21	357.0	35.23	0.0	357.0	0.875	0.0	b75r	m47o
974	0.25	0.25	0.25	0.0	55.9	73.21	357.0	43.83	0.0	357.0	0.75	0.0	b75r	m47o
975	0.375	0.375	0.375	0.0	55.9	73.21	357.0	52.42	0.0	357.0	0.625	0.0	b75r	m47o
976	0.5	0.5	0.5	0.0	55.9	73.21	357.0	61.02	0.0	357.0	0.5	0.0	b75r	m47o
977	0.625	0.625	0.625	0.0	55.9	73.21	357.0	69.62	0.0	357.0	0.375	0.0	b75r	m47o
978	0.75	0.75	0.75	0.0	55.9	73.21	357.0	78.21	0.0	357.0	0.25	0.0	b75r	m47o
979	0.875	0.875	0.875	0.0	55.9	73.21	357.0	86.81	0.0	357.0	0.125	0.0	b75r	m47o
980	1.0	1.0	1.0	0.0	55.9	73.21	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1072	0.0	0.0	0.0	0.0	55.9	73.21	357.0	26.63	0.0	357.0	1.0	0.0	b75r	m47o
1073	1.0	1.0	1.0	0.0	55.9	73.21	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1074	1.0	0.0	0.0	30.0	54.76	75.39	25.5	54.76	75.39	25.5	0.0	1.0	b99r	m83o
1075	0.0	1.0	1.0	210.0	80.93	41.93	217.0	80.93	41.93	217.0	0.0	1.0	g50b	c07v
1076	1.0	1.0	0.0	90.0	83.98	81.8	92.3	83.98	81.8	92.3	0.0	1.0	r99j	o88y
1077	0.0	0.0	1.0	270.0	61.96	54.79	271.7	61.96	54.79	271.7	0.0	1.0	b00r	c39v
1078	0.0	1.0	0.0	150.0	86.01	60.88	162.2	86.01	60.88	162.2	0.0	1.0	j99g	l77c
1079	1.0	0.0	1.0	330.0	59.57	99.48	328.6	59.57	99.48	328.6	0.0	1.0	b50r	m03o
1080	0.0	1.0	0.0	150.0	86.01	60.88	162.2	86.01	60.88	162.2	0.0	1.0	j99g	l77c

KE720-7N, 5, Series rgb^*_3 : N-b00r, W-g50b, N-W, 8 elementary colours; display reflection $L_r=5\%$; Page 5/8

TUB-test chart KE72; 35 example rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

See original or copy: <http://web.me.com/klaus.richter/KE72/KE72L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$\text{rgb} \rightarrow \text{rgb}^*_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,e}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,e}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	59.64	64.44	357.0	37.86	0.0	357.0	1.0	0.0	b75r	m47o
1	0.0	0.0	0.125	270.0	64.81	50.05	271.8	41.23	6.26	271.8	0.875	0.125	b00r	c39v
2	0.0	0.0	0.25	270.0	64.82	50.03	271.8	44.6	12.51	271.8	0.75	0.25	b00r	c39v
3	0.0	0.0	0.375	270.0	64.82	50.02	271.8	47.97	18.76	271.8	0.625	0.375	b00r	c39v
4	0.0	0.0	0.5	270.0	64.82	50.02	271.7	51.34	25.01	271.7	0.5	0.5	b00r	c39v
5	0.0	0.0	0.625	270.0	64.83	50.02	271.7	54.71	31.26	271.7	0.375	0.625	b00r	c39v
6	0.0	0.0	0.75	270.0	64.83	50.02	271.7	58.08	37.51	271.7	0.25	0.75	b00r	c39v
7	0.0	0.0	0.875	270.0	64.83	50.01	271.7	61.46	43.76	271.7	0.125	0.875	b00r	c39v
8	0.0	0.0	1.0	270.0	64.83	50.01	271.7	64.83	50.01	271.7	0.0	1.0	b00r	c39v
729	1.0	1.0	1.0	0.0	59.64	64.44	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
730	0.875	1.0	1.0	210.0	82.09	38.67	217.0	93.74	4.83	217.0	0.0	0.125	g50b	c07v
731	0.75	1.0	1.0	210.0	82.09	38.67	217.0	92.08	9.67	217.0	0.0	0.25	g50b	c07v
732	0.625	1.0	1.0	210.0	82.09	38.67	217.0	90.42	14.5	217.0	0.0	0.375	g50b	c07v
733	0.5	1.0	1.0	210.0	82.09	38.67	217.0	88.75	19.34	217.0	0.0	0.5	g50b	c07v
734	0.375	1.0	1.0	210.0	82.09	38.67	217.0	87.09	24.17	217.0	0.0	0.625	g50b	c07v
735	0.25	1.0	1.0	210.0	82.09	38.67	217.0	85.42	29.01	217.0	0.0	0.75	g50b	c07v
736	0.125	1.0	1.0	210.0	82.09	38.68	217.0	83.76	33.84	217.0	0.0	0.875	g50b	c07v
737	0.0	1.0	1.0	210.0	82.09	38.68	217.0	82.09	38.68	217.0	0.0	1.0	g50b	c07v
972	0.0	0.0	0.0	0.0	59.64	64.44	357.0	37.86	0.0	357.0	1.0	0.0	b75r	m47o
973	0.125	0.125	0.125	0.0	59.64	64.44	357.0	45.05	0.0	357.0	0.875	0.0	b75r	m47o
974	0.25	0.25	0.25	0.0	59.64	64.44	357.0	52.25	0.0	357.0	0.75	0.0	b75r	m47o
975	0.375	0.375	0.375	0.0	59.64	64.44	357.0	59.44	0.0	357.0	0.625	0.0	b75r	m47o
976	0.5	0.5	0.5	0.0	59.64	64.44	357.0	66.63	0.0	357.0	0.5	0.0	b75r	m47o
977	0.625	0.625	0.625	0.0	59.64	64.44	357.0	73.83	0.0	357.0	0.375	0.0	b75r	m47o
978	0.75	0.75	0.75	0.0	59.64	64.44	357.0	81.02	0.0	357.0	0.25	0.0	b75r	m47o
979	0.875	0.875	0.875	0.0	59.64	64.44	357.0	88.21	0.0	357.0	0.125	0.0	b75r	m47o
980	1.0	1.0	1.0	0.0	59.64	64.44	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1072	0.0	0.0	0.0	0.0	59.64	64.44	357.0	37.86	0.0	357.0	1.0	0.0	b75r	m47o
1073	1.0	1.0	1.0	0.0	59.64	64.44	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1074	1.0	0.0	0.0	30.0	58.6	65.2	25.5	58.6	65.2	25.5	0.0	1.0	b99r	m86o
1075	0.0	1.0	1.0	210.0	82.09	38.68	217.0	82.09	38.68	217.0	0.0	1.0	g50b	c07v
1076	1.0	1.0	0.0	90.0	84.6	69.49	92.3	84.6	69.49	92.3	0.0	1.0	r99j	o88y
1077	0.0	0.0	1.0	270.0	64.83	50.01	271.7	64.83	50.01	271.7	0.0	1.0	b00r	c39v
1078	0.0	1.0	0.0	150.0	86.62	55.82	162.2	86.62	55.82	162.2	0.0	1.0	j99g	l77c
1079	1.0	0.0	1.0	330.0	62.73	88.87	328.6	62.73	88.87	328.6	0.0	1.0	b50r	m03o
1080	0.0	1.0	0.0	150.0	86.62	55.82	162.2	86.62	55.82	162.2	0.0	1.0	j99g	l77c

KE720-7N, 6, Series rgb^*_3 : N-b00r, W-g50b, N-W, 8 elementary colours; display reflection $L_r=10\%$; Page 6/8

TUB-test chart KE72; 35 example rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

See original or copy: <http://web.me.com/klaus.richter/KE72/KE72L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$\text{rgb} \rightarrow \text{rgb}^*_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,e}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,e}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	66.17	50.2	357.0	51.95	0.0	357.0	1.0	0.0	b75r	m47o
1	0.0	0.0	0.125	270.0	70.02	41.4	271.8	54.21	5.17	271.8	0.875	0.125	b00r	c39v
2	0.0	0.0	0.25	270.0	70.03	41.38	271.8	56.47	10.35	271.8	0.75	0.25	b00r	c39v
3	0.0	0.0	0.375	270.0	70.03	41.38	271.8	58.73	15.52	271.8	0.625	0.375	b00r	c39v
4	0.0	0.0	0.5	270.0	70.03	41.38	271.7	60.99	20.69	271.7	0.5	0.5	b00r	c39v
5	0.0	0.0	0.625	270.0	70.03	41.38	271.7	63.25	25.86	271.7	0.375	0.625	b00r	c39v
6	0.0	0.0	0.75	270.0	70.03	41.37	271.7	65.51	31.03	271.7	0.25	0.75	b00r	c39v
7	0.0	0.0	0.875	270.0	70.03	41.37	271.7	67.77	36.2	271.7	0.125	0.875	b00r	c39v
8	0.0	0.0	1.0	270.0	70.03	41.37	271.7	70.03	41.37	271.7	0.0	1.0	b00r	c39v
729	1.0	1.0	1.0	0.0	66.17	50.2	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
730	0.875	1.0	1.0	210.0	84.25	32.56	217.0	94.01	4.07	217.0	0.0	0.125	g50b	c07v
731	0.75	1.0	1.0	210.0	84.25	32.57	217.0	92.62	8.14	217.0	0.0	0.25	g50b	c07v
732	0.625	1.0	1.0	210.0	84.25	32.57	217.0	91.22	12.21	217.0	0.0	0.375	g50b	c07v
733	0.5	1.0	1.0	210.0	84.25	32.57	217.0	89.83	16.28	217.0	0.0	0.5	g50b	c07v
734	0.375	1.0	1.0	210.0	84.25	32.57	217.0	88.44	20.35	217.0	0.0	0.625	g50b	c07v
735	0.25	1.0	1.0	210.0	84.25	32.57	217.0	87.04	24.42	217.0	0.0	0.75	g50b	c07v
736	0.125	1.0	1.0	210.0	84.25	32.57	217.0	85.65	28.5	217.0	0.0	0.875	g50b	c07v
737	0.0	1.0	1.0	210.0	84.25	32.57	217.0	84.25	32.57	217.0	0.0	1.0	g50b	c07v
972	0.0	0.0	0.0	0.0	66.17	50.2	357.0	51.95	0.0	357.0	1.0	0.0	b75r	m47o
973	0.125	0.125	0.125	0.0	66.17	50.2	357.0	57.38	0.0	357.0	0.875	0.0	b75r	m47o
974	0.25	0.25	0.25	0.0	66.17	50.2	357.0	62.81	0.0	357.0	0.75	0.0	b75r	m47o
975	0.375	0.375	0.375	0.0	66.17	50.2	357.0	68.25	0.0	357.0	0.625	0.0	b75r	m47o
976	0.5	0.5	0.5	0.0	66.17	50.2	357.0	73.68	0.0	357.0	0.5	0.0	b75r	m47o
977	0.625	0.625	0.625	0.0	66.17	50.2	357.0	79.11	0.0	357.0	0.375	0.0	b75r	m47o
978	0.75	0.75	0.75	0.0	66.17	50.2	357.0	84.54	0.0	357.0	0.25	0.0	b75r	m47o
979	0.875	0.875	0.875	0.0	66.17	50.2	357.0	89.98	0.0	357.0	0.125	0.0	b75r	m47o
980	1.0	1.0	1.0	0.0	66.17	50.2	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1072	0.0	0.0	0.0	0.0	66.17	50.2	357.0	51.95	0.0	357.0	1.0	0.0	b75r	m47o
1073	1.0	1.0	1.0	0.0	66.17	50.2	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1074	1.0	0.0	0.0	30.0	65.34	49.62	25.5	65.34	49.62	25.5	0.0	1.0	b99r	m96o
1075	0.0	1.0	1.0	210.0	84.25	32.57	217.0	84.25	32.57	217.0	0.0	1.0	g50b	c07v
1076	1.0	1.0	0.0	90.0	85.96	52.22	92.3	85.96	52.22	92.3	0.0	1.0	r99j	o88y
1077	0.0	0.0	1.0	270.0	70.03	41.37	271.7	70.03	41.37	271.7	0.0	1.0	b00r	c39v
1078	0.0	1.0	0.0	150.0	87.84	46.46	162.2	87.84	46.46	162.2	0.0	1.0	j99g	l78c
1079	1.0	0.0	1.0	330.0	68.41	70.79	328.6	68.41	70.79	328.6	0.0	1.0	b50r	m04o
1080	0.0	1.0	0.0	150.0	87.84	46.46	162.2	87.84	46.46	162.2	0.0	1.0	j99g	l78c

KE720-7N, 7, Series rgb^*_3 : N-b00r, W-g50b, N-W, 8 elementary colours; display reflection $L_r=20\%$; Page 7/8

TUB-test chart KE72; 35 example rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

See original or copy: <http://web.me.com/klaus.richter/KE72/KE72L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$\text{rgb} \rightarrow \text{rgb}^*_3$			h_{rgb}	$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Ma,e}}$			$[L^*, C^*_{\text{ab}}, h_{\text{ab}}]_{\text{Fa,e}}$			n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
0	0.0	0.0	0.0	0.0	76.79	29.66	357.0	69.67	0.0	357.0	1.0	0.0	b75r	m47o
1	0.0	0.0	0.125	270.0	78.92	26.74	271.8	70.82	3.34	271.8	0.875	0.125	b00r	c39v
2	0.0	0.0	0.25	270.0	78.93	26.73	271.8	71.98	6.68	271.8	0.75	0.25	b00r	c39v
3	0.0	0.0	0.375	270.0	78.93	26.73	271.8	73.14	10.02	271.8	0.625	0.375	b00r	c39v
4	0.0	0.0	0.5	270.0	78.93	26.73	271.7	74.3	13.36	271.7	0.5	0.5	b00r	c39v
5	0.0	0.0	0.625	270.0	78.93	26.73	271.7	75.46	16.7	271.7	0.375	0.625	b00r	c39v
6	0.0	0.0	0.75	270.0	78.93	26.73	271.7	76.61	20.04	271.7	0.25	0.75	b00r	c39v
7	0.0	0.0	0.875	270.0	78.93	26.73	271.7	77.77	23.39	271.7	0.125	0.875	b00r	c39v
8	0.0	0.0	1.0	270.0	78.93	26.73	271.7	78.93	26.73	271.7	0.0	1.0	b00r	c39v
729	1.0	1.0	1.0	0.0	76.79	29.66	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
730	0.875	1.0	1.0	210.0	88.05	21.62	217.0	94.49	2.7	217.0	0.0	0.125	g50b	c06v
731	0.75	1.0	1.0	210.0	88.05	21.62	217.0	93.57	5.4	217.0	0.0	0.25	g50b	c06v
732	0.625	1.0	1.0	210.0	88.05	21.62	217.0	92.65	8.11	217.0	0.0	0.375	g50b	c06v
733	0.5	1.0	1.0	210.0	88.05	21.62	217.0	91.73	10.81	217.0	0.0	0.5	g50b	c06v
734	0.375	1.0	1.0	210.0	88.05	21.62	217.0	90.81	13.51	217.0	0.0	0.625	g50b	c06v
735	0.25	1.0	1.0	210.0	88.05	21.62	217.0	89.89	16.21	217.0	0.0	0.75	g50b	c06v
736	0.125	1.0	1.0	210.0	88.05	21.62	217.0	88.97	18.92	217.0	0.0	0.875	g50b	c06v
737	0.0	1.0	1.0	210.0	88.05	21.62	217.0	88.05	21.62	217.0	0.0	1.0	g50b	c06v
972	0.0	0.0	0.0	0.0	76.79	29.66	357.0	69.67	0.0	357.0	1.0	0.0	b75r	m47o
973	0.125	0.125	0.125	0.0	76.79	29.66	357.0	72.88	0.0	357.0	0.875	0.0	b75r	m47o
974	0.25	0.25	0.25	0.0	76.79	29.66	357.0	76.1	0.0	357.0	0.75	0.0	b75r	m47o
975	0.375	0.375	0.375	0.0	76.79	29.66	357.0	79.32	0.0	357.0	0.625	0.0	b75r	m47o
976	0.5	0.5	0.5	0.0	76.79	29.66	357.0	82.54	0.0	357.0	0.5	0.0	b75r	m47o
977	0.625	0.625	0.625	0.0	76.79	29.66	357.0	85.76	0.0	357.0	0.375	0.0	b75r	m47o
978	0.75	0.75	0.75	0.0	76.79	29.66	357.0	88.97	0.0	357.0	0.25	0.0	b75r	m47o
979	0.875	0.875	0.875	0.0	76.79	29.66	357.0	92.19	0.0	357.0	0.125	0.0	b75r	m47o
980	1.0	1.0	1.0	0.0	76.79	29.66	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1072	0.0	0.0	0.0	0.0	76.79	29.66	357.0	69.67	0.0	357.0	1.0	0.0	b75r	m47o
1073	1.0	1.0	1.0	0.0	76.79	29.66	357.0	95.41	0.0	357.0	0.0	0.0	b75r	m47o
1074	1.0	0.0	0.0	30.0	76.78	27.5	25.5	76.78	27.5	25.5	0.0	1.0	b99r	o13y
1075	0.0	1.0	1.0	210.0	88.05	21.62	217.0	88.05	21.62	217.0	0.0	1.0	g50b	c06v
1076	1.0	1.0	0.0	90.0	88.8	30.06	92.3	88.8	30.06	92.3	0.0	1.0	r99j	o88y
1077	0.0	0.0	1.0	270.0	78.93	26.73	271.7	78.93	26.73	271.7	0.0	1.0	b00r	c39v
1078	0.0	1.0	0.0	150.0	90.19	30.18	162.2	90.19	30.18	162.2	0.0	1.0	j99g	l78c
1079	1.0	0.0	1.0	330.0	77.98	43.03	328.6	77.98	43.03	328.6	0.0	1.0	b50r	m04o
1080	0.0	1.0	0.0	150.0	90.19	30.18	162.2	90.19	30.18	162.2	0.0	1.0	j99g	l78c

KE720-7N, 8, Series rgb^*_3 : N-b00r, W-g50b, N-W, 8 elementary colours; display reflection $L_r=40\%$; Page 8/8

TUB-test chart KE72; 35 example rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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