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n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}												
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	81	0.125	0.0	30.0	50.49	87.88	25.5	6.31	10.99	25.5	0.875	0.125	b99r	m79o		
1	0.0	0.0	0.125	58.86	59.98	271.8	7.36	7.5	271.8	0.875	0.125	b00r	c39v	82	0.125	0.0	125	56.14	111.42	328.6	7.02	13.93	328.6	0.875	0.125	b50r	m02o		
2	0.0	0.0	0.25	58.87	59.96	271.8	14.72	14.99	271.8	0.75	0.25	b00r	c39v	83	0.125	0.0	25	37.11	111.66	300.2	9.28	27.92	300.2	0.75	0.25	b25r	c79v		
3	0.0	0.0	0.375	58.87	59.95	271.8	22.08	22.48	271.8	0.625	0.375	b00r	c39v	84	0.125	0.0	375	289.1	47.13	84.48	289.9	17.67	31.68	289.9	0.625	0.375	b16r	c61v	
4	0.0	0.0	0.5	58.88	59.95	271.7	29.44	29.97	271.7	0.5	0.5	b00r	c39v	85	0.125	0.0	5	50.87	75.96	284.9	25.43	37.98	284.9	0.5	0.5	b11r	c50v		
5	0.0	0.0	0.625	58.88	59.95	271.7	36.8	37.47	271.7	0.375	0.625	b00r	c39v	86	0.125	0.0	625	289.1	71.1	280.1	30.52	46.6	280.1	0.375	0.625	b07r	c43v		
6	0.0	0.0	0.75	58.88	59.94	271.7	44.16	44.96	271.7	0.25	0.75	b00r	c39v	87	0.125	0.0	75	54.05	69.13	280.2	30.52	51.85	280.2	0.25	0.75	b07r	c48v		
7	0.0	0.0	0.875	58.88	59.94	271.7	51.52	52.45	271.7	0.125	0.875	b00r	c39v	88	0.125	0.0	875	277.6	67.74	278.9	47.93	59.27	278.9	0.125	0.875	b06r	c46v		
8	0.0	0.0	1.0	58.88	59.94	271.7	58.88	59.94	271.7	0.0	1.0	b00r	c39v	89	0.125	0.0	1.0	276.6	66.71	278.0	55.32	66.71	278.0	0.0	1.0	b05r	c45v		
9	0.0	0.125	0.0	150.0	85.38	66.25	162.2	10.67	8.28	162.2	0.875	0.125	j99g	l77c	90	0.125	0.125	0.0	90.0	83.42	100.03	92.3	10.43	12.5	92.3	0.875	0.125	r99j	o89y
10	0.0	0.125	0.125	210.0	79.69	45.34	217.0	9.96	5.67	217.0	0.875	0.125	g50b	c08v	91	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
11	0.0	0.125	0.25	240.0	70.01	46.71	244.4	17.5	11.68	244.4	0.75	0.25	g75b	c20v	92	0.125	0.125	0.25	270.0	58.86	59.98	271.8	16.28	7.5	271.8	0.75	0.125	b00r	c39v
12	0.0	0.125	0.375	250.9	66.53	49.04	254.3	24.95	18.39	254.3	0.625	0.375	g83b	c25v	93	0.125	0.125	0.375	270.0	58.87	59.96	271.8	24.95	11.99	271.8	0.625	0.375	b00r	c39v
13	0.0	0.125	0.5	256.1	64.49	51.87	259.1	32.24	25.93	259.1	0.5	0.5	g88b	c29v	94	0.125	0.125	0.5	270.0	58.87	59.95	271.8	34.0	22.48	271.8	0.5	0.375	b00r	c39v
14	0.0	0.125	0.625	259.1	63.31	53.5	261.8	39.57	33.44	261.8	0.375	0.625	g90b	c31v	95	0.125	0.125	0.625	270.0	58.88	59.95	271.7	41.36	29.97	271.7	0.375	0.5	b00r	c39v
15	0.0	0.125	0.75	261.1	62.54	54.56	263.6	46.91	40.92	263.6	0.25	0.75	g92b	c32v	96	0.125	0.125	0.75	270.0	58.88	59.95	271.7	48.72	37.47	271.7	0.25	0.625	b00r	c39v
16	0.0	0.125	0.875	262.4	62.01	55.3	264.8	54.26	48.39	264.8	0.125	0.875	g93b	c33v	97	0.125	0.125	0.875	270.0	58.88	59.94	271.7	56.08	44.96	271.7	0.125	0.75	b00r	c39v
17	0.0	0.125	1.0	263.4	61.61	55.84	265.7	61.61	55.84	265.7	0.0	1.0	g94b	c34v	98	0.125	0.125	1.0	270.0	58.88	59.94	271.7	63.44	52.45	271.7	0.0	0.875	b00r	c39v
18	0.0	0.25	0.0	150.0	85.38	66.24	162.2	21.34	16.56	162.2	0.75	0.25	j99g	l77c	99	0.125	0.25	0.0	120.0	85.02	122.25	127.2	21.26	30.56	127.2	0.75	0.25	j49g	y69l
19	0.0	0.25	0.125	180.0	86.72	51.09	189.6	21.68	12.77	189.6	0.75	0.25	g25b	l97c	100	0.125	0.25	0.125	150.0	85.38	66.25	162.2	22.6	8.28	162.2	0.75	0.125	j99g	l77c
20	0.0	0.25	0.25	210.0	79.7	45.34	217.0	9.92	11.34	217.0	0.75	0.25	g50b	c08v	101	0.125	0.25	0.25	210.0	79.69	45.34	217.0	21.89	5.67	217.0	0.75	0.125	g50b	c08v
21	0.0	0.25	0.375	229.1	73.46	44.48	234.4	27.55	16.68	234.4	0.625	0.375	g66b	c15v	102	0.125	0.25	0.375	240.0	70.01	46.71	244.4	29.43	11.68	244.4	0.625	0.25	g75b	c20v
22	0.0	0.25	0.5	240.0	70.01	46.71	244.4	35.0	23.35	244.4	0.5	0.5	g75b	c20v	103	0.125	0.25	0.5	250.9	66.53	49.04	254.3	36.88	18.39	254.3	0.5	0.375	g83b	c25v
23	0.0	0.25	0.625	246.6	67.92	48.06	250.4	42.45	30.04	250.4	0.375	0.625	g80b	c23v	104	0.125	0.25	0.625	256.1	64.49	51.87	259.1	44.17	25.93	259.1	0.375	0.5	g88b	c29v
24	0.0	0.25	0.75	250.9	66.54	49.03	254.3	49.9	36.77	254.3	0.25	0.75	g83b	c25v	105	0.125	0.25	0.75	259.1	63.31	53.5	261.8	51.49	33.44	261.8	0.25	0.625	g90b	c31v
25	0.0	0.25	0.875	253.9	65.36	50.67	257.0	57.19	44.33	257.0	0.125	0.875	g86b	c27v	106	0.125	0.25	0.875	261.1	62.54	54.56	263.6	58.83	40.92	263.6	0.125	0.75	g92b	c32v
26	0.0	0.25	1.0	256.1	64.49	51.87	259.1	64.49	51.87	259.1	0.0	1.0	g88b	c29v	107	0.125	0.25	1.0	262.4	62.01	55.3	264.8	66.18	48.39	264.8	0.0	0.875	g93b	c33v
27	0.0	0.375	0.0	150.0	85.38	66.24	162.2	32.02	24.84	162.2	0.625	0.375	j99g	l77c	108	0.125	0.375	0.0	130.9	84.32	102.2	139.9	31.62	38.32	139.9	0.625	0.375	j67g	l30c
28	0.0	0.375	0.125	169.1	86.24	55.24	179.7	32.34	20.71	179.7	0.625	0.375	g16b	l92c	109	0.125	0.375	0.125	150.0	85.38	66.24	162.2	33.27	16.56	162.2	0.625	0.25	j99g	l77c
29	0.0	0.375	0.25	190.9	86.0	47.76	199.5	32.25	17.91	199.5	0.625	0.375	g33b	c01v	110	0.125	0.375	0.25	180.0	86.72	51.09	189.6	33.61	12.77	189.6	0.625	0.25	g25b	l97c
30	0.0	0.375	0.375	210.0	79.7	45.34	217.0	9.98	17.0	217.0	0.625	0.375	g50b	c08v	111	0.125	0.375	0.375	210.0	79.7	45.34	217.0	31.85	11.34	217.0	0.625	0.25	g50b	c08v
31	0.0	0.375	0.5	223.9	75.12	43.58	229.7	37.56	21.79	229.7	0.5	0.5	g61b	c12v	112	0.125	0.375	0.5	229.1	73.46	44.48	234.4	39.47	16.68	234.4	0.5	0.375	g66b	c15v
32	0.0	0.375	0.625	233.4	72.1	45.36	238.4	45.06	28.35	238.4	0.375	0.625	g69b	c17v	113	0.125	0.375	0.625	240.0	70.01	46.71	244.4	46.93	23.35	244.4	0.375	0.5	g75b	c20v
33	0.0	0.375	0.75	240.0	70.01	46.71	244.4	52.51	35.03	244.4	0.25	0.75	g75b	c20v	114	0.125	0.375	0.75	246.6	67.92	48.06	250.4	54.38	30.04	250.4	0.25	0.625	g80b	c23v
34	0.0	0.375	0.875	244.7	68.52	47.67	248.7	59.95	41.72	248.7	0.125	0.875	g78b	c22v	115	0.125	0.375	0.875	250.9	66.54	49.03	254.3	61.83	36.77	25				

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n _{rgb}		rgb -> rgb*		h _{rgb}		[L*, C* _{ab} , h _{ab}]Ma,e		[L*, C* _{ab} , h _{ab}]Fa,e		n _{Fa}		c _{Fa}		u _{Fa}		d _{Fa}		n _{rgb}		rgb -> rgb*		h _{rgb}		[L*, C* _{ab} , h _{ab}]Ma,e		[L*, C* _{ab} , h _{ab}]Fa,e		n _{Fa}		c _{Fa}		u _{Fa}		d _{Fa}	
162	0.25	0.0	0.0	30.0	50.49	87.89	25.5	12.62	21.97	25.5	0.75	0.25	b99r	m79o	243	0.375	0.0	0.0	30.0	50.49	87.89	25.5	18.93	32.96	25.5	0.625	0.375	b99r	m79o						
163	0.25	0.0	0.125	0.0	51.73	83.56	357.0	12.93	20.89	357.0	0.75	0.25	b75r	m47o	244	0.375	0.0	0.125	10.9	51.14	82.0	7.4	19.18	30.75	7.4	0.625	0.375	b83r	m61o						
164	0.25	0.0	0.25	330.0	56.15	111.44	328.6	14.04	27.86	328.6	0.75	0.25	b50r	m02o	245	0.375	0.0	0.25	349.1	52.61	88.87	346.7	19.73	33.33	346.7	0.625	0.375	b66r	m31o						
165	0.25	0.0	0.375	310.9	36.97	126.32	310.5	13.86	47.37	310.5	0.625	0.375	b33r	v43m	246	0.375	0.0	0.375	330.0	56.11	111.44	328.6	21.06	41.79	328.6	0.625	0.375	b50r	m02o						
166	0.25	0.0	0.5	300.0	37.11	111.63	300.0	18.56	55.81	300.0	0.5	0.5	b25r	c79v	247	0.375	0.0	0.5	316.1	43.78	120.43	315.4	21.89	60.22	315.4	0.5	0.5	b38r	v67m						
167	0.25	0.0	0.625	293.4	43.52	93.77	293.9	27.2	58.61	293.9	0.375	0.625	b19r	c67v	248	0.375	0.0	0.625	306.6	29.92	134.6	306.4	18.7	84.13	306.4	0.375	0.625	b30r	v06m						
168	0.25	0.0	0.75	289.1	47.13	84.46	289.9	35.35	63.35	289.9	0.25	0.75	b16r	c61v	249	0.375	0.0	0.75	300.0	37.12	111.61	300.2	27.84	83.71	300.2	0.25	0.75	b25r	c79v						
169	0.25	0.0	0.875	286.1	49.29	79.55	287.0	43.13	69.61	287.0	0.125	0.875	b13r	c57v	250	0.375	0.0	0.875	295.3	41.84	98.27	295.7	36.61	85.99	295.7	0.125	0.875	b21r	c70v						
170	0.25	0.0	1.0	283.9	50.87	75.95	284.9	50.87	75.95	284.9	0.0	1.0	b11r	c54v	251	0.375	0.0	1.0	291.8	44.98	89.84	292.4	44.98	89.84	292.4	0.0	1.0	b18r	c65v						
171	0.25	0.125	0.0	60.0	59.6	96.48	58.9	14.9	24.12	58.9	0.75	0.25	r49j	o37y	252	0.375	0.125	0.0	49.1	50.65	109.39	46.7	18.99	41.02	46.7	0.625	0.375	r32j	o05y						
172	0.25	0.125	0.125	30.0	50.49	87.88	25.5	18.24	10.99	25.5	0.75	0.125	b99r	m79o	253	0.375	0.125	0.125	30.0	50.49	87.89	25.5	24.55	21.97	25.5	0.625	0.25	b99r	m79o						
173	0.25	0.125	0.25	330.0	56.14	111.42	328.6	18.94	13.93	328.6	0.75	0.125	b50r	m02o	254	0.375	0.125	0.25	0.0	51.73	83.56	357.0	24.86	20.89	357.0	0.625	0.25	b75r	m47o						
174	0.25	0.125	0.375	300.0	37.1	111.66	300.2	21.2	27.92	300.2	0.625	0.25	b25r	c79v	255	0.375	0.125	0.375	330.0	56.15	111.44	328.6	25.96	27.86	328.6	0.625	0.25	b50r	m02o						
175	0.25	0.125	0.5	289.1	47.13	84.48	289.9	29.6	31.68	289.9	0.5	0.375	b16r	c61v	256	0.375	0.125	0.5	310.9	36.97	126.32	310.5	25.79	47.37	310.5	0.5	0.375	b33r	v43m						
176	0.25	0.125	0.625	283.9	50.87	75.96	284.9	37.36	37.98	284.9	0.375	0.5	b11r	c54v	257	0.375	0.125	0.625	300.0	37.11	111.62	300.2	30.48	55.81	300.2	0.375	0.5	b25r	c79v						
177	0.25	0.125	0.75	280.9	53.0	71.13	282.1	45.05	44.46	282.1	0.25	0.625	b09r	c50v	258	0.375	0.125	0.75	293.4	43.52	93.77	293.9	39.12	58.61	293.9	0.25	0.625	b19r	c67v						
178	0.25	0.125	0.875	279.0	54.05	69.13	280.2	52.46	51.85	280.2	0.125	0.75	b07r	c48v	259	0.375	0.125	0.875	289.1	47.13	84.46	289.9	47.28	63.35	289.9	0.125	0.75	b16r	c61v						
179	0.25	0.125	1.0	277.6	54.78	67.74	278.9	59.86	59.27	278.9	0.0	0.875	b06r	c46v	260	0.375	0.125	1.0	286.1	49.29	79.55	287.0	55.05	69.61	287.0	0.0	0.875	b13r	c57v						
180	0.25	0.25	0.0	90.0	83.45	100.06	92.3	20.86	25.01	92.3	0.75	0.25	r99j	o89y	261	0.375	0.25	0.0	70.9	67.58	92.33	71.0	25.34	34.62	71.0	0.625	0.375	r67j	o57y						
181	0.25	0.25	0.125	90.0	83.42	100.03	92.3	22.35	12.5	92.3	0.75	0.125	r99j	o89y	262	0.375	0.25	0.125	60.0	59.6	96.48	58.9	26.83	24.12	58.9	0.625	0.25	r49j	o37y						
182	0.25	0.25	0.25	0.0	51.73	83.56	357.0	12.93	20.89	357.0	0.75	0.0	b75r	m47o	263	0.375	0.25	0.25	30.0	50.49	87.88	25.5	30.16	19.99	25.5	0.625	0.125	b99r	m79o						
183	0.25	0.25	0.375	270.0	58.86	99.98	271.8	31.21	7.5	271.8	0.625	0.125	b00r	c39v	264	0.375	0.25	0.375	330.0	56.14	111.42	328.6	30.87	13.93	328.6	0.625	0.125	b50r	m02o						
184	0.25	0.25	0.5	270.0	58.87	99.96	271.8	38.57	14.99	271.8	0.5	0.25	b00r	c39v	265	0.375	0.25	0.5	300.0	37.1	111.66	300.2	33.13	27.92	300.2	0.5	0.25	b25r	c79v						
185	0.25	0.25	0.625	270.0	58.87	99.95	271.8	45.93	22.48	271.8	0.375	0.375	b00r	c39v	266	0.375	0.25	0.625	289.1	47.13	84.48	289.9	41.52	31.68	289.9	0.375	0.375	b16r	c61v						
186	0.25	0.25	0.75	270.0	58.88	99.95	271.7	53.29	29.97	271.7	0.25	0.5	b00r	c39v	267	0.375	0.25	0.75	283.9	50.87	75.96	284.9	49.28	37.98	284.9	0.25	0.5	b11r	c54v						
187	0.25	0.25	0.875	270.0	58.88	99.95	271.7	60.65	37.47	271.7	0.125	0.625	b00r	c39v	268	0.375	0.25	0.875	280.9	53.0	71.13	282.1	56.98	44.46	282.1	0.125	0.625	b09r	c50v						
188	0.25	0.25	1.0	270.0	58.88	99.94	271.7	68.01	44.96	271.7	0.0	0.75	b00r	c39v	269	0.375	0.25	1.0	279.0	54.05	69.13	280.2	64.39	51.85	280.2	0.0	0.75	b07r	c48v						
189	0.25	0.375	0.0	109.1	88.53	112.38	114.6	33.2	42.14	114.6	0.625	0.375	j31j	y25l	270	0.375	0.375	0.0	90.0	83.46	100.07	92.3	31.3	37.53	92.3	0.625	0.375	r99j	o89y						
190	0.25	0.375	0.125	120.0	85.02	122.25	127.2	33.18	30.56	127.2	0.625	0.25	i49g	y69l	271	0.375	0.375	0.125	90.0	83.45	100.06	92.3	32.79	25.01	92.3	0.625	0.25	r99j	o89y						
191	0.25	0.375	0.25	150.0	85.38	66.25	162.2	34.52	8.28	162.2	0.625	0.125	j99g	l77c	272	0.375	0.375	0.25	90.0	83.42	100.03	92.3	34.28	12.5	92.3	0.625	0.125	r99j	o89y						
192	0.25	0.375	0.375	210.0	79.69	45.34	217.0	33.81	5.67	217.0	0.625	0.125	g50b	c08v	273	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						
193	0.25	0.375	0.5	240.0	70.01	46.71	244.4	41.35	11.68	244.4	0.5	0.25	g75b	c20v	274	0.375	0.375	0.5	270.0	58.86	99.98	271.8	43.14	7.5	271.8	0.5	0.125	b00r	c39v						
194	0.25	0.375	0.625	250.9	66.53	49.04	254.3	48.8	18.39	254.3	0.375	0.375	g83b	c25v	275	0.375	0.375	0.625	270.0	58.87	99.95	271.8	50.5	14.99	271.8	0.375	0.25	b00r	c39v						
195	0.25	0.375	0.75	256.1	64.49	51.87	259.1	56.1	25.93	259.1	0.25	0.5	g88b	c29v	276	0.375	0.375	0.75	270.0	58.87	99.95	271.8	57.86	22.48	271.8	0.25	0.375</								

See original or copy: <http://web.me.com/klaus.richter/KE61/KE61L0NP.PDF> / .PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmerrick>

n _{rgb}		rgb -> rgb%		h _{rgb}		[L*, C* _{ab} , h _{ab}] _{Mae}			[L*, C* _{ab} , h _{ab}] _{Fae}			n _{Fa}		c _{Fa}		u _{Fa}		d _{Fa}		n _{rgb}		rgb -> rgb%		h _{rgb}		[L*, C* _{ab} , h _{ab}] _{Mae}			[L*, C* _{ab} , h _{ab}] _{Fae}			n _{Fa}		c _{Fa}		u _{Fa}		d _{Fa}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
324	0.5	0.0	0.0	30.0	50.49	87.89	25.5	25.24	43.95	25.5	0.5	0.5	b99r	m79o	405	0.625	0.0	0.0	30.0	50.49	87.89	25.5	31.56	54.93	25.5	0.375	0.625	b99r	m79o	406	0.625	0.0	0.125	19.1	50.82	83.22	15.1	31.76	52.01	15.1	0.375	0.625	b90r	m69o	407	0.625	0.0	0.25	6.6	51.35	82.38	3.3	32.21	51.49	3.3	0.375	0.625	b80r	m50o	408	0.625	0.0	0.375	353.4	52.2	86.12	350.8	32.63	53.83	350.8	0.375	0.625	b69r	m38o	409	0.625	0.0	0.5	340.9	53.62	95.81	338.9	33.51	59.88	338.9	0.375	0.625	b50r	m16o	410	0.625	0.0	0.625	330.0	54.15	111.45	326.6	34.93	62.88	326.6	0.375	0.625	b30r	v88o	411	0.625	0.0	0.75	321.1	49.4	116.86	300.1	37.05	87.65	320.1	0.375	0.625	b42r	v84o	412	0.625	0.0	0.875	313.9	41.06	122.56	313.4	35.93	107.24	313.4	0.125	0.875	b36r	v58m	413	0.625	0.0	1.0	308.2	32.8	131.03	308.0	32.8	131.03	308.0	0.0	1.0	b31r	v25m	414	0.625	0.125	0.0	40.9	50.21	97.94	37.6	31.38	61.21	37.6	0.375	0.625	r18j	m90o	415	0.625	0.125	0.125	30.0	50.49	87.89	25.5	37.17	43.95	25.5	0.375	0.5	b99r	m79o	416	0.625	0.125	0.125	16.1	50.92	82.59	12.3	37.3	46.2	12.3	0.375	0.5	b89r	m66o	417	0.625	0.125	0.375	0.0	51.35	82.38	3.3	32.21	51.49	3.3	0.375	0.5	b75r	m47o	418	0.625	0.125	0.5	343.9	53.19	92.86	341.8	38.52	46.43	341.8	0.375	0.5	b61r	m20o	419	0.625	0.125	0.625	330.0	56.15	111.45	328.6	40.0	55.72	328.6	0.375	0.5	b50r	m02o	420	0.625	0.125	0.75	319.1	47.25	117.97	318.3	41.46	73.73	318.3	0.25	0.625	b40r	v78m	421	0.625	0.125	0.875	310.9	36.96	126.33	310.5	39.64	94.75	310.5	0.125	0.75	b33r	v43m	422	0.625	0.125	1.0	304.7	31.55	128.41	304.6	39.53	112.36	304.6	0.0	0.875	b28r	c91v	423	0.625	0.25	0.0	53.4	54.34	103.35	51.5	33.96	64.59	51.5	0.375	0.625	r39r	o21v	424	0.625	0.25	0.125	43.9	50.16	102.85	40.9	37.01	51.43	40.9	0.375	0.5	r23j	m94o	425	0.625	0.25	0.25	30.0	50.49	87.89	25.5	42.79	32.96	25.5	0.375	0.375	b99r	m79o	426	0.625	0.25	0.375	10.9	51.14	82.0	7.4	43.03	30.75	7.4	0.375	0.375	b83r	m61o	427	0.625	0.25	0.5	349.1	52.61	88.87	346.7	43.58	33.33	346.7	0.375	0.375	b66r	m31o	428	0.625	0.25	0.625	330.0	56.15	111.44	328.6	44.91	41.79	328.6	0.375	0.375	b50r	m02o	429	0.625	0.25	0.75	316.1	43.78	120.43	315.4	45.74	60.22	315.4	0.25	0.5	b38r	v67m	430	0.625	0.25	0.875	306.6	29.92	134.6	306.4	42.55	84.13	306.4	0.125	0.625	b30r	v06m	431	0.625	0.25	1.0	300.0	37.12	111.61	300.2	51.69	83.71	300.2	0.0	0.75	b25r	c79v	432	0.625	0.375	0.0	66.6	64.45	93.08	66.2	40.28	58.18	66.2	0.375	0.625	r60j	o49y	433	0.625	0.375	0.125	60.0	59.61	96.47	58.9	41.73	48.23	58.9	0.375	0.5	r49j	o37v	434	0.625	0.375	0.25	49.1	50.65	109.39	46.7	42.85	41.02	46.7	0.375	0.375	r32j	o05v	435	0.625	0.375	0.375	30.0	50.49	87.89	25.5	48.4	21.97	25.5	0.375	0.25	b99r	m79o	436	0.625	0.375	0.5	0.0	51.73	83.56	357.0	48.71	20.89	357.0	0.375	0.25	b75r	m47o	437	0.625	0.375	0.625	330.0	56.15	111.44	328.6	49.81	27.86	328.6	0.375	0.25	b50r	m02o	438	0.625	0.375	0.75	310.9	36.97	126.32	310.5	49.64	47.37	310.5	0.25	0.375	b33r	v43m	439	0.625	0.375	0.875	300.0	37.11	111.62	300.2	54.33	55.81	300.2	0.125	0.5	b25r	c79v	440	0.625	0.375	1.0	293.4	43.52	93.77	293.9	62.98	58.61	293.9	0.0	0.625	b19r	c67v	441	0.625	0.5	0.0	79.1	73.77	93.13	80.2	46.11	58.21	80.2	0.375	0.625	r81j	o71y	442	0.625	0.5	0.125	76.1	71.46	92.42	76.8	47.66	46.21	76.8	0.375	0.5	r76j	o66y	443	0.625	0.5	0.25	70.9	67.58	92.33	71.0	49.19	34.62	71.0	0.375	0.375	r67j	o57y	444	0.625	0.5	0.375	60.0	59.6	96.48	58.9	50.68	24.12	58.9	0.375	0.25	r49j	o37v	445	0.625	0.5	0.5	30.0	50.49	87.88	25.5	54.02	10.99	25.5	0.375	0.125	b99r	m79o	446	0.625	0.5	0.625	330.0	56.14	111.42	328.6	54.72	13.93	328.6	0.375	0.125	b50r	m02o	447	0.625	0.5	0.75	300.0	37.1	111.66	300.2	56.98	27.92	300.2	0.25	0.25	b25r	c79v	448	0.625	0.5	0.875	289.1	47.13	84.48	289.9	65.38	31.68	289.9	0.125	0.375	b16r	c61v	449	0.625	0.5	1.0	283.9	50.87	75.96	284.9	73.14	37.98	284.9	0.0	0.5	b11r	c54v	450	0.625	0.625	0.0	90.0	83.46	100.08	92.3	52.16	62.55	92.3	0.375	0.625	r99j	o89y	451	0.625	0.625	0.125	90.0	83.46	100.07	92.3	53.66	50.04	92.3	0.375	0.5	r99j	o89y	452	0.625	0.625	0.25	90.0	83.46	100.07	92.3	55.15	37.53	92.3	0.375	0.375	r99j	o89y	453	0.625	0.625	0.375	90.0	83.45	100.06	92.3	56.64	25.01	92.3	0.375	0.25	r99j	o89y	454	0.625	0.625	0.5	90.0	83.42	100.03	92.3	58.13	12.5	92.3	0.375	0.125	r99j	o89y	455	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	456	0.625	0.625	0.75	270.0	58.86	59.98	271.8	66.99	7.5	271.8	0.25	0.125	b00r	c39v	457	0.625	0.625	0.875	270.0	58.87	59.96	271.8	74.35	14.99	271.8	0.125	0.25	b00r	c39v	458	0.625	0.625	1.0	270.0	58.87	59.95	271.8	81.71	22.48	271.8	0.0	0.375	b00r	c39v	459	0.625	0.75	0.0	98.9	92.36	110.79	102.7	69.27	83.09	102.7	0.25	0.75	i15g	y02l	460	0.625	0.75	0.125	100.9	91.58	110.8	105.0	69.16	69.25	105.0	0.25	0.625	i18g	y06l	461	0.625	0.75	0.25	103.9	90.36	110.81	108.5	69.03	55.41	108.5	0.25	0.5	i23g	y11l	462	0.625	0.75	0.375	109.1	88.53	112.38	114.6	68.98	42.14	114.6	0.25	0.375	i31g	y25l	463	0.625	0.75	0.5	120.0	85.02	122.25	127.2	68.96	30.56	127.2	0.25	0.25	i49g	y69l	464	0.625	0.75	0.625	105.0	85.38	122.25	127.2	70.3	8.28	127.2	0.25	0.125	i77c	y81v	465	0.625	0.75	0.875	210.0	85.02	122.25	127.2	72.9	5.67	127.2	0.25	0.0	i80b	c08v	466	0.625	0.75	0.875	240.0	70.01	46.71	244.4	77.13	11.68	244.4	0.125	0.25	i85b	c15v	467	0.625	0.75	1.0	250.9	66.53	49.04	254.3	84.58	18.39	254.3	0.0	0.375	i88b	c20v	468	0.625	0.875	0.0	106.1	89.56	111.35	111.1	78.36	97.43	111.1	0.125	0.875	i27g	y17l	469	0.625	0.875	0.125	109.8	88.53	112.38	114.6	78.32	84.28	114.6	0.125	0.75	i32g	y21l	470	0.625	0.875	0.25	113.6	87.72	112.38	114.6	78.32	84.28	114.6	0.125	0.625	i38g	y25l	471	0.625	0.875	0.375	120.0	87.02	122.27	127.2	78.29	61.13	127.2	0.25	0.5	i46g	y69l	472	0.625	0.875	0.5	130.9	84.32	102.2	139.9	79.33	38.32	139.9	0.125	0.375	i67g	y13c	473	0.625	0.875	0.625	150.0	85.38	66.24	162.2	80.98	16.56	162.2	0.125	0.25	i99g	y77c	474	0.625	0.875	0.75	180.0	86.72	51.09	189.6	81.31	12.77	189.6	0.125	0.25	i97c	y97c	475	0.625	0.875	0.875	210.0	79.7	45.34	217.0	79.55	11.34	217.0	0.125	0.25	i95b	c08v	476	0.625	0.875	1.0	229.1	73.46	44.48	234.4	87.18	16.68	234.4	0.0	0.375	i66b	c15v	477	0.625	1.0	0.0	111.8	87.64	114.08	117.7	87.64	114.08	117.7	0.0	1.0	i36g	y33l	478	0.625	1.0	0.125	115.3	86.51	116.83	121.8	87.62	102.23	121.8	0.0	0.875	i42g	y46l	479	0.625	1.0	0.25	120.0	85.02	122.27	127.2	87.62	91.7	127.2	0.0	0.75	i49g	y69l	480	0.625	1.0	0.375	126.6	84.12	115.52	134.9	88.35	72.2	134.9	0.0	0.625	i60g	y117c	481	0.625	1.0	0.5	136.1	84.59	89.06	146.0	90.0	44.53	146.0	0.0	0.5	i76g	y45c	482	0.625	1.0	0.625	150.0	85.38	66.24	162.2	91.65	24.84	162.2	0.0	0.375	i99g	y77c	483	0.625	1.0	0.75	169.1	86.24	55.24	179.7	91.97	20.71	179.7	0.0	0.375	i61b	y92c	484	0.625	1.0	0.875	190.9	86.07	47.76	199.5	91.88	17.91	199.5	0.0	0.375	i33b	c03v	485	0.625	1.0	1.0	210.0	79.7	45.34	217.0	89.52	17.0	217.0	0.0	0.375	i35b	c08v

KE610-7N, 1, table rgb->rgb*3 - LCH*a of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb*3; display reflection Lr =0%; Page 3/40

TUB-test chart KE61; 729 *rgb** colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: *rgb*->*rgb** *setrgbcolor*
output: *no change compared to input*

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}	n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
486	0.75 0.0 0.0	30.0	50.49 87.89 25.5	37.87 65.92 25.5	0.25	0.75	b99r	m79o	567	0.875 0.0 0.0	30.0	50.49 87.89 25.5	44.18 76.91 25.5	0.125	0.875	b99r	m79o
487	0.75 0.0 0.125	21.0	50.75 83.63 17.0	38.06 62.73 17.0	0.25	0.75	b92r	m71o	568	0.875 0.0 0.125	22.4	50.7 83.92 18.3	44.36 73.43 18.3	0.125	0.875	b93r	m72o
488	0.75 0.0 0.25	10.9	51.14 82.0 7.4	38.35 61.5 7.4	0.25	0.75	b83r	m61o	569	0.875 0.0 0.25	13.9	51.0 82.12 10.2	44.63 71.86 10.2	0.125	0.875	b86r	m64o
489	0.75 0.0 0.375	0.0	51.73 83.56 357.0	38.8 62.67 357.0	0.25	0.75	b75r	m47o	570	0.875 0.0 0.375	4.7	51.45 82.54 1.5	45.02 72.23 1.5	0.125	0.875	b78r	m53o
490	0.75 0.0 0.5	349.1	52.61 88.87 346.7	39.46 66.65 346.7	0.25	0.75	b66r	m31o	571	0.875 0.0 0.5	355.3	52.07 85.39 352.6	45.56 74.72 352.6	0.125	0.875	b71r	m40o
491	0.75 0.0 0.625	339.0	53.9 97.72 337.1	40.42 73.29 337.1	0.25	0.75	b57r	m13o	572	0.875 0.0 0.625	346.1	52.89 90.81 343.9	46.28 79.46 343.9	0.125	0.875	b63r	m26o
492	0.75 0.0 0.75	330.0	56.15 111.45 328.6	42.11 83.59 328.6	0.25	0.75	b50r	m02o	573	0.875 0.0 0.75	337.6	54.22 99.69 335.8	47.44 87.23 335.8	0.125	0.875	b56r	m11o
493	0.75 0.0 0.875	322.4	50.88 116.12 321.4	44.52 101.61 321.4	0.125	0.875	b43r	v88m	574	0.875 0.0 0.875	330.0	56.15 111.45 328.6	49.13 97.52 328.6	0.125	0.875	b50r	m02o
494	0.75 0.0 1.0	316.1	43.77 120.44 315.4	43.77 120.44 315.4	0.0	1.0	b38r	v67m	575	0.875 0.0 1.0	323.4	51.89 115.81 322.4	51.89 115.81 322.4	0.0	1.0	b44r	v90m
495	0.75 0.125 0.0	38.9	50.24 95.02 35.4	37.68 71.27 35.4	0.25	0.75	r15j	m87o	576	0.875 0.125 0.0	37.6	50.28 93.94 33.9	43.99 82.2 33.9	0.125	0.875	r13j	m86o
496	0.75 0.125 0.125	30.0	50.49 87.89 25.5	43.48 54.93 25.5	0.25	0.625	b99r	m79o	577	0.875 0.125 0.125	30.0	50.49 87.89 25.5	49.79 65.92 25.5	0.125	0.75	b99r	m79o
497	0.75 0.125 0.25	19.1	50.82 83.22 15.1	43.69 52.01 15.1	0.25	0.625	b90r	m69o	578	0.875 0.125 0.25	21.0	50.75 83.63 17.0	49.99 62.73 17.0	0.125	0.75	b92r	m71o
498	0.75 0.125 0.375	6.6	51.35 82.38 3.3	44.02 51.49 3.3	0.25	0.625	b80r	m55o	579	0.875 0.125 0.375	10.9	51.14 82.0 7.4	50.28 61.5 7.4	0.125	0.75	b83r	m61o
499	0.75 0.125 0.5	353.4	52.2 86.12 350.8	44.55 53.83 350.8	0.25	0.625	b69r	m38o	580	0.875 0.125 0.5	0.0	51.73 83.56 357.0	50.72 62.67 357.0	0.125	0.75	b75r	m47o
500	0.75 0.125 0.625	340.9	53.62 95.81 338.9	45.44 59.88 338.9	0.25	0.625	b59r	m16o	581	0.875 0.125 0.625	349.1	52.61 88.87 346.7	51.38 66.65 346.7	0.125	0.75	b66r	m31o
501	0.75 0.125 0.75	330.0	56.15 111.45 328.6	47.02 69.88 328.6	0.25	0.625	b50r	m02o	582	0.875 0.125 0.75	339.0	53.9 97.72 337.1	52.35 73.29 337.1	0.125	0.75	b57r	m13o
502	0.75 0.125 0.875	321.1	49.4 116.86 320.1	48.97 87.65 320.1	0.125	0.75	b42r	v84m	583	0.875 0.125 0.875	330.0	56.15 111.45 328.6	54.04 83.59 328.6	0.125	0.75	b50r	m02o
503	0.75 0.125 1.0	313.9	41.06 122.56 313.4	47.86 107.24 313.4	0.0	0.875	b36r	v58m	584	0.875 0.125 1.0	322.4	50.88 116.12 321.4	56.45 101.61 321.4	0.0	0.875	b43r	v88m
504	0.75 0.25 0.0	49.1	50.65 109.38 46.8	37.99 82.04 46.8	0.25	0.75	r32j	o05y	585	0.875 0.25 0.0	46.1	50.13 106.47 43.4	43.86 93.16 43.4	0.125	0.875	r27j	m97o
505	0.75 0.25 0.125	40.9	50.21 97.94 37.6	43.3 61.21 37.6	0.25	0.625	r18j	m90o	586	0.875 0.25 0.125	38.9	50.24 95.02 35.4	49.6 71.27 35.4	0.125	0.75	r15j	m87o
506	0.75 0.25 0.25	30.0	50.49 87.89 25.5	49.1 43.95 25.5	0.25	0.5	b99r	m79o	587	0.875 0.25 0.25	30.0	50.49 87.89 25.5	55.41 54.93 25.5	0.125	0.625	b99r	m79o
507	0.75 0.25 0.375	16.1	50.92 82.59 12.3	49.31 41.29 12.3	0.25	0.5	b88r	m66o	588	0.875 0.25 0.375	19.1	50.82 83.22 15.1	55.61 52.01 15.1	0.125	0.625	b90r	m69o
508	0.75 0.25 0.5	0.0	51.73 83.56 357.0	49.72 41.78 357.0	0.25	0.5	b75r	m47o	589	0.875 0.25 0.5	6.6	51.35 82.38 3.3	55.95 51.49 3.3	0.125	0.625	b80r	m55o
509	0.75 0.25 0.625	343.9	53.19 92.86 341.8	50.45 46.43 341.8	0.25	0.5	b61r	m22o	590	0.875 0.25 0.625	353.4	52.2 86.12 350.8	56.48 53.83 350.8	0.125	0.625	b69r	m38o
510	0.75 0.25 0.75	330.0	56.15 111.45 328.6	51.93 55.72 328.6	0.25	0.5	b50r	m02o	591	0.875 0.25 0.75	340.9	53.62 95.81 338.9	57.36 59.88 338.9	0.125	0.625	b59r	m16o
511	0.75 0.25 0.875	319.1	47.25 117.97 318.3	53.39 73.73 318.3	0.125	0.625	b40r	v78m	592	0.875 0.25 0.875	330.0	56.15 111.45 328.6	58.94 69.66 328.6	0.125	0.625	b50r	m02o
512	0.75 0.25 1.0	310.9	36.96 126.33 310.5	51.57 94.75 310.5	0.0	0.75	b33r	v43m	593	0.875 0.25 1.0	321.1	49.4 116.86 320.1	60.9 87.65 320.1	0.0	0.75	b42r	v84m
513	0.75 0.375 0.0	60.0	59.61 96.46 58.9	44.71 72.35 58.9	0.25	0.75	r49j	o37y	594	0.875 0.375 0.0	55.3	55.9 100.99 53.6	48.92 88.36 53.6	0.125	0.875	r42j	o26y
514	0.75 0.375 0.125	53.4	54.34 103.35 51.5	45.89 64.59 51.5	0.25	0.625	r39j	o21y	595	0.875 0.375 0.125	49.1	50.65 109.38 46.8	49.92 82.04 46.8	0.125	0.75	r32j	o05y
515	0.75 0.375 0.25	43.9	50.16 102.85 40.9	48.93 51.43 40.9	0.25	0.5	r23j	m94o	596	0.875 0.375 0.25	40.9	50.21 97.94 37.6	55.23 61.21 37.6	0.125	0.625	r18j	m90o
516	0.75 0.375 0.375	30.0	50.49 87.89 25.5	54.71 32.96 25.5	0.25	0.375	b99r	m79o	597	0.875 0.375 0.375	30.0	50.49 87.89 25.5	61.02 43.95 25.5	0.125	0.5	b99r	m79o
517	0.75 0.375 0.5	10.9	51.14 82.0 7.4	54.95 30.75 7.4	0.25	0.375	b83r	m61o	598	0.875 0.375 0.5	16.1	50.92 82.59 12.3	61.24 41.29 12.3	0.125	0.5	b88r	m66o
518	0.75 0.375 0.625	349.1	52.61 88.87 346.7	55.51 33.33 346.7	0.25	0.375	b66r	m31o	599	0.875 0.375 0.625	0.0	51.73 83.56 357.0	61.64 41.78 357.0	0.125	0.5	b75r	m47o
519	0.75 0.375 0.75	330.0	56.15 111.44 328.6	56.83 41.79 328.6	0.25	0.375	b50r	m02o	600	0.875 0.375 0.75	343.9	53.19 92.86 341.8	62.37 46.43 341.8	0.125	0.5	b61r	m22o
520	0.75 0.375 0.875	316.1	43.78 120.43 315.4	57.67 60.22 315.4	0.125	0.5	b38r	v67m	601	0.875 0.375 0.875	330.0	56.15 111.45 328.6	63.85 55.72 328.6	0.125	0.5	b50r	m02o
521	0.75 0.375 1.0	306.6	29.92 134.6 306.4	54.48 84.13 306.4	0.0	0.625	b30r	v06m	602	0.875 0.375 1.0	319.1	47.25 117.97 318.3	65.31 73.73 318.3	0.0	0.625	b40r	v78m
522	0.75 0.5 0.0	70.9	67.59 92.33 71.0	50.69 69.25 71.0	0.25	0.75	r67j	o57y	603	0.875 0.5 0.0	64.7	63.08 94.01 64.1	55.2 82.25 64.1	0.125	0.875	r57j	o46y
523	0.75 0.5 0.125	66.6	64.45 93.08 66.2	52.21 58.18 66.2	0.25	0.625	r60j	o49y	604	0.875 0.5 0.125	60.0	59.61 96.46 58.9	56.63 72.35 58.9	0.125	0.75	r49j	o37y
524	0.75 0.5 0.25	60.0	59.61 96.47 58.9	53.66 48.23 58.9	0.25	0.5	r49j	o37y	605	0.875 0.5 0.25	53.4	54.34 103.35 51.5	57.82 64.59 51.5	0.125	0.625	r39j	o21y
525	0.75 0.5 0.375	49.1	50.65 109.39 46.7	54.77 41.02 46.7	0.25	0.375	r32j	o05y	606	0.875 0.5 0.375	43.9	50.16 102.85 40.9	60.86 51.43 40.9	0.125	0.5	r23j	m94o
526	0.75 0.5 0.5	30.0	50.49 87.89 25.5	60.33 21.97 25.5	0.25	0.25	b99r	m79o	607	0.875 0.5 0.5	30.0	50.49 87.89 25.5	66.64 32.96 25.5	0.125	0.375	b99r	m79o
527	0.75 0.5 0.625	0.0	51.73 83.56 357.0	60.64 20.89 357.0	0.25	0.25	b75r	m47o	608	0.875 0.5 0.625	10.9	51.14 82.0 7.4	66.88 30.75 7.4	0.125	0.375	b83r	m61o
528	0.75 0.5 0.75																

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

n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
648	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
649	1.0 0.0 0.125	23.4	50.66 84.13 19.2	50.66 84.13 19.2	0.0	1.0	b94r	m73o
650	1.0 0.0 0.25	16.1	50.92 82.59 12.3	50.92 82.59 12.3	0.0	1.0	b88r	m66o
651	1.0 0.0 0.375	8.2	51.27 82.23 4.8	51.27 82.23 4.8	0.0	1.0	b81r	m57o
652	1.0 0.0 0.5	0.0	51.73 83.56 357.0	51.73 83.56 357.0	0.0	1.0	b75r	m47o
653	1.0 0.0 0.625	351.8	52.35 87.13 349.3	52.35 87.13 349.3	0.0	1.0	b68r	m35o
654	1.0 0.0 0.75	343.9	53.19 92.86 341.8	53.19 92.86 341.8	0.0	1.0	b61r	m22o
655	1.0 0.0 0.875	336.6	54.47 101.24 334.9	54.47 101.24 334.9	0.0	1.0	b55r	m10o
656	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
657	1.0 0.125 0.0	36.6	50.3 93.14 32.8	50.3 93.14 32.8	0.0	1.0	r11j	m85o
658	1.0 0.125 0.125	30.0	50.49 87.89 25.5	56.1 76.91 25.5	0.0	0.875	b99r	m79o
659	1.0 0.125 0.25	22.4	50.7 83.92 18.3	56.29 73.43 18.3	0.0	0.875	b93r	m72o
660	1.0 0.125 0.375	13.9	51.0 82.12 10.2	56.55 71.86 10.2	0.0	0.875	b86r	m64o
661	1.0 0.125 0.5	4.7	51.45 82.54 1.5	56.94 72.23 1.5	0.0	0.875	b78r	m53o
662	1.0 0.125 0.625	355.3	52.07 85.39 352.6	57.49 74.72 352.6	0.0	0.875	b71r	m40o
663	1.0 0.125 0.75	346.1	52.89 90.81 343.9	58.31 79.46 343.9	0.0	0.875	b63r	m26o
664	1.0 0.125 0.875	337.6	54.22 99.69 335.8	59.36 87.23 335.8	0.0	0.875	b56r	m11o
665	1.0 0.125 1.0	330.0	56.15 111.45 328.6	61.06 97.52 328.6	0.0	0.875	b50r	m02o
666	1.0 0.25 0.0	43.9	50.16 102.86 41.0	50.16 102.86 41.0	0.0	1.0	r23j	m94o
667	1.0 0.25 0.125	37.6	50.28 93.94 33.9	55.92 82.2 33.9	0.0	0.875	r13j	m86o
668	1.0 0.25 0.25	30.0	50.49 87.89 25.5	61.72 82.52 25.5	0.0	0.75	b99r	m79o
669	1.0 0.25 0.375	21.0	50.75 83.63 17.0	61.91 82.73 17.0	0.0	0.75	b92r	m71o
670	1.0 0.25 0.5	10.9	51.14 82.0 7.4	62.2 61.5 7.4	0.0	0.75	b83r	m61o
671	1.0 0.25 0.625	0.0	51.73 83.56 357.0	62.65 62.67 357.0	0.0	0.75	b75r	m47o
672	1.0 0.25 0.75	349.1	52.61 88.87 346.7	63.31 66.65 346.7	0.0	0.75	b66r	m31o
673	1.0 0.25 0.875	339.0	53.9 97.72 337.1	64.28 73.29 337.1	0.0	0.75	b57r	m13o
674	1.0 0.25 1.0	330.0	56.15 111.45 328.6	65.96 83.59 328.6	0.0	0.75	b50r	m02o
675	1.0 0.375 0.0	51.8	52.96 105.62 49.7	52.96 105.62 49.7	0.0	1.0	r36j	o17y
676	1.0 0.375 0.125	46.1	50.13 106.47 43.4	55.79 93.16 43.4	0.0	0.875	r27j	m97o
677	1.0 0.375 0.25	38.9	50.24 95.02 35.4	61.53 71.27 35.4	0.0	0.75	r15j	m87o
678	1.0 0.375 0.375	30.0	50.49 87.89 25.5	67.33 54.93 25.5	0.0	0.625	b99r	m79o
679	1.0 0.375 0.5	19.1	50.82 83.22 15.1	67.54 52.01 15.1	0.0	0.625	b90r	m69o
680	1.0 0.375 0.625	6.6	51.35 82.38 3.3	67.87 51.49 3.3	0.0	0.625	b80r	m55o
681	1.0 0.375 0.75	353.4	52.2 86.12 350.8	68.4 53.83 350.8	0.0	0.625	b69r	m38o
682	1.0 0.375 0.875	340.9	53.62 95.81 338.9	69.29 59.88 338.9	0.0	0.625	b59r	m16o
683	1.0 0.375 1.0	330.0	56.15 111.45 328.6	70.87 69.66 328.6	0.0	0.625	b50r	m02o
684	1.0 0.5 0.0	60.0	59.61 96.46 58.9	59.61 96.46 58.9	0.0	1.0	r49j	o37y
685	1.0 0.5 0.125	55.3	55.9 100.99 53.6	60.84 88.36 53.6	0.0	0.875	r42j	o26y
686	1.0 0.5 0.25	49.1	50.65 109.38 46.8	61.84 82.04 46.8	0.0	0.75	r32j	o05y
687	1.0 0.5 0.375	40.9	50.21 97.94 37.6	67.16 61.21 37.6	0.0	0.625	r18j	m90o
688	1.0 0.5 0.5	30.0	50.49 87.89 25.5	72.95 43.95 25.5	0.0	0.5	b99r	m79o
689	1.0 0.5 0.625	16.1	50.92 82.59 12.3	73.17 41.29 12.3	0.0	0.5	b88r	m66o
690	1.0 0.5 0.75	0.0	51.73 83.56 357.0	73.57 41.78 357.0	0.0	0.5	b75r	m47o
691	1.0 0.5 0.875	343.9	53.19 92.86 341.8	74.3 46.43 341.8	0.0	0.5	b61r	m22o
692	1.0 0.5 1.0	330.0	56.15 111.45 328.6	75.78 55.72 328.6	0.0	0.5	b50r	m02o
693	1.0 0.625 0.0	68.2	65.64 92.73 68.0	65.64 92.73 68.0	0.0	1.0	r63j	o52y
694	1.0 0.625 0.125	64.7	63.08 94.01 64.1	67.12 82.25 64.1	0.0	0.875	r57j	o46y
695	1.0 0.625 0.25	60.0	59.61 96.46 58.9	68.56 72.35 58.9	0.0	0.75	r49j	o37y
696	1.0 0.625 0.375	53.4	54.34 103.35 51.5	69.74 64.59 51.5	0.0	0.625	r39j	o21y
697	1.0 0.625 0.5	43.9	50.16 102.85 40.9	72.78 51.43 40.9	0.0	0.5	r23j	m94o
698	1.0 0.625 0.625	30.0	50.49 87.89 25.5	78.56 32.96 25.5	0.0	0.375	b99r	m79o
699	1.0 0.625 0.75	10.9	51.14 82.0 7.4	78.81 30.75 7.4	0.0	0.375	b83r	m61o
700	1.0 0.625 0.875	349.1	52.61 88.87 346.7	79.36 33.33 346.7	0.0	0.375	b66r	m31o
701	1.0 0.625 1.0	330.0	56.15 111.44 328.6	80.69 41.79 328.6	0.0	0.375	b50r	m02o
702	1.0 0.75 0.0	76.1	71.47 92.42 76.8	71.47 92.42 76.8	0.0	1.0	r76j	o66y
703	1.0 0.75 0.125	73.9	69.77 91.9 74.4	72.98 80.41 74.4	0.0	0.875	r72j	o63y
704	1.0 0.75 0.25	70.9	67.59 92.33 71.0	74.54 69.25 71.0	0.0	0.75	r67j	o57y
705	1.0 0.75 0.375	66.6	64.45 93.08 66.2	76.06 58.18 66.2	0.0	0.625	r60j	o49y
706	1.0 0.75 0.5	60.0	59.61 96.47 58.9	77.51 48.23 58.9	0.0	0.5	r49j	o37y
707	1.0 0.75 0.625	49.1	50.65 109.39 46.7	78.62 41.02 46.7	0.0	0.375	r32j	o05y
708	1.0 0.75 0.75	30.0	50.49 87.89 25.5	84.18 21.97 25.5	0.0	0.25	b99r	m79o
709	1.0 0.75 0.875	0.0	51.73 83.56 357.0	84.49 20.89 357.0	0.0	0.25	b75r	m47o
710	1.0 0.75 1.0	330.0	56.15 111.44 328.6	85.59 27.86 328.6	0.0	0.25	b50r	m02o
711	1.0 0.875 0.0	83.4	77.34 95.05 85.0	77.34 95.05 85.0	0.0	1.0	r88j	o78y
712	1.0 0.875 0.125	82.4	76.44 94.36 83.9	78.81 82.57 83.9	0.0	0.875	r86j	o77y
713	1.0 0.875 0.25	81.0	75.26 93.6 82.3	80.3 70.2 82.3	0.0	0.75	r84j	o74y
714	1.0 0.875 0.375	79.1	73.77 93.13 80.2	81.88 58.21 80.2	0.0	0.625	r81j	o71y
715	1.0 0.875 0.5	76.1	71.46 92.42 76.8	83.44 46.21 76.8	0.0	0.5	r76j	o66y
716	1.0 0.875 0.625	70.9	67.58 92.33 71.0	84.97 34.62 71.0	0.0	0.375	r67j	o57y
717	1.0 0.875 0.75	60.0	59.6 96.48 58.9	86.46 24.12 58.9	0.0	0.25	r49j	o37y
718	1.0 0.875 0.875	30.0	50.49 87.88 25.5	89.79 10.99 25.5	0.0	0.125	b99r	m79o
719	1.0 0.875 1.0	330.0	56.14 111.42 328.6	90.5 13.93 328.6	0.0	0.125	b50r	m02o
720	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
721	1.0 1.0 0.125	90.0	83.47 100.08 92.3	84.96 87.57 92.3	0.0	0.875	r99j	o89y
722	1.0 1.0 0.25	90.0	83.46 100.08 92.3	86.45 75.06 92.3	0.0	0.75	r99j	o89y
723	1.0 1.0 0.375	90.0	83.46 100.08 92.3	87.94 62.55 92.3	0.0	0.625	r99j	o89y
724	1.0 1.0 0.5	90.0	83.46 100.07 92.3	89.43 50.04 92.3	0.0	0.5	r99j	o89y
725	1.0 1.0 0.625	90.0	83.46 100.07 92.3	90.93 37.53 92.3	0.0	0.375	r99j	o89y
726	1.0 1.0 0.75	90.0	83.45 100.06 92.3	92.42 25.01 92.3	0.0	0.25	r99j	o89y
727	1.0 1.0 0.875	90.0	83.42 100.03 92.3	93.91 12.5 92.3	0.0	0.125	r99j	o89y
728	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

KE610-7N, 1, table $rgb \rightarrow rgb^*3 - LCH^*a$ of 729 colours of $9 \times 9 \times 9 (=729)$ colour grid; elementary colour coordinates rgb^*3 ; display reflection $L_r=0\%$; Page 5/40

TUB-test chart KE61; 729 rgb^* colours of $9 \times 9 \times 9$ grid
LECD display: CIELAB data of colours Ma and Fa

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

See original or copy: <http://web.me.com/klau.s.richter/KE61/KE61L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}												
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	81	0.125	0.0	0.0	51.05	86.18	25.5	10.73	10.77	25.5	0.875	0.125	b99r	m80o		
1	0.0	0.0	0.125	59.26	59.31	271.8	11.76	7.41	271.8	0.875	0.125	b00r	c39v	82	0.125	0.0	0.125	330.0	56.59	109.85	328.6	11.42	13.73	328.6	0.875	0.125	b50r	m02o	
2	0.0	0.0	0.25	59.27	59.29	271.8	18.55	14.82	271.8	0.75	0.25	b00r	c39v	83	0.125	0.0	0.25	300.0	37.68	110.55	300.2	13.15	27.64	300.2	0.75	0.25	b25r	c80v	
3	0.0	0.0	0.375	59.28	59.28	271.8	25.34	22.23	271.8	0.625	0.375	b00r	c39v	84	0.125	0.0	0.375	289.1	47.66	83.5	289.9	20.98	31.31	289.9	0.625	0.375	b16r	c61v	
4	0.0	0.0	0.5	59.28	59.28	271.7	32.13	29.64	271.7	0.5	0.5	b00r	c39v	85	0.125	0.0	0.5	283.9	51.35	75.13	284.9	28.16	37.56	284.9	0.5	0.5	b11r	c54v	
5	0.0	0.0	0.625	59.28	59.28	271.7	38.91	37.05	271.7	0.375	0.625	b00r	c39v	86	0.125	0.0	0.625	280.9	53.47	70.32	282.1	35.28	43.95	282.1	0.375	0.625	b09r	c50v	
6	0.0	0.0	0.75	59.28	59.28	271.7	45.7	44.46	271.7	0.25	0.75	b00r	c39v	87	0.125	0.0	0.75	279.0	54.51	68.35	280.2	42.12	51.26	280.2	0.25	0.75	b07r	c48v	
7	0.0	0.0	0.875	59.28	59.27	271.7	52.49	51.86	271.7	0.125	0.875	b00r	c39v	88	0.125	0.0	0.875	277.6	55.23	66.97	278.9	48.95	58.6	278.9	0.125	0.875	b06r	c47v	
8	0.0	0.0	1.0	59.28	59.27	271.7	59.28	59.27	271.7	0.0	1.0	b00r	c39v	89	0.125	0.0	1.0	276.6	55.77	65.95	278.0	55.77	65.95	278.0	0.0	1.0	b05r	c45v	
9	0.0	0.125	0.0	150.0	85.46	65.56	162.2	15.03	8.2	162.2	0.875	0.125	j99g	l77c	90	0.125	0.125	0.0	90.0	83.48	97.16	92.3	14.78	12.14	92.3	0.875	0.125	r99j	o89y
10	0.0	0.125	0.125	79.85	44.9	217.0	14.33	5.61	217.0	0.875	0.125	g50b	c08v	91	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	
11	0.0	0.125	0.25	70.28	46.21	244.4	21.3	11.55	244.4	0.75	0.25	g75b	c20v	92	0.125	0.125	0.25	270.0	59.26	59.31	271.8	23.06	7.41	271.8	0.75	0.125	b00r	c39v	
12	0.0	0.125	0.375	66.85	48.49	254.3	28.18	18.18	254.3	0.625	0.375	g83b	c25v	93	0.125	0.125	0.375	270.0	59.27	59.29	271.8	29.85	14.82	271.8	0.625	0.25	b00r	c39v	
13	0.0	0.125	0.5	64.83	51.29	259.1	34.9	25.64	259.1	0.5	0.5	g88b	c29v	94	0.125	0.125	0.5	270.0	59.28	59.28	271.8	36.64	22.23	271.8	0.5	0.375	b00r	c39v	
14	0.0	0.125	0.625	63.66	52.91	261.8	41.65	33.07	261.8	0.375	0.625	g93b	c31v	95	0.125	0.125	0.625	270.0	59.28	59.28	271.7	43.43	29.64	271.7	0.375	0.5	b00r	c39v	
15	0.0	0.125	0.75	261.1	62.91	53.95	263.6	48.42	40.46	263.6	0.25	0.75	g92b	c32v	96	0.125	0.125	0.75	270.0	59.28	59.28	271.7	50.22	37.05	271.7	0.25	0.625	b00r	c39v
16	0.0	0.125	0.875	62.38	54.68	264.8	55.2	47.85	264.8	0.125	0.875	g93b	c33v	97	0.125	0.125	0.875	270.0	59.28	59.27	271.7	57.01	44.46	271.7	0.125	0.75	b00r	c39v	
17	0.0	0.125	1.0	263.4	61.99	55.22	265.7	61.99	55.22	265.7	0.0	1.0	g94b	c34v	98	0.125	0.125	1.0	270.0	59.28	59.27	271.7	63.8	51.86	271.7	0.0	0.875	b00r	c39v
18	0.0	0.25	0.0	150.0	85.46	65.55	162.2	25.09	16.39	162.2	0.75	0.25	j99g	l77c	99	0.125	0.25	0.0	120.0	85.22	119.37	127.2	25.03	29.84	127.2	0.75	0.25	j49g	y67l
19	0.0	0.25	0.125	180.0	86.79	50.61	189.6	25.42	12.65	189.6	0.75	0.25	g25b	l97c	100	0.125	0.25	0.125	150.0	85.46	65.56	162.2	26.34	8.2	162.2	0.75	0.125	j99g	l77c
20	0.0	0.25	0.25	210.0	79.86	44.91	217.0	23.69	11.23	217.0	0.75	0.25	g50b	c08v	101	0.125	0.25	0.25	210.0	79.85	44.9	217.0	25.64	5.61	217.0	0.75	0.125	g50b	c08v
21	0.0	0.25	0.375	229.1	73.69	44.0	234.4	30.74	16.5	234.4	0.625	0.375	g66b	c15v	102	0.125	0.25	0.375	240.0	70.28	46.21	244.4	32.6	11.55	244.4	0.625	0.25	g75b	c20v
22	0.0	0.25	0.5	240.0	70.28	46.21	244.4	37.63	23.11	244.4	0.5	0.5	g75b	c20v	103	0.125	0.25	0.5	250.9	66.85	48.49	254.3	39.48	18.18	254.3	0.5	0.375	g83b	c25v
23	0.0	0.25	0.625	246.6	68.22	47.55	250.4	44.5	29.72	250.4	0.375	0.625	g80b	c23v	104	0.125	0.25	0.625	256.1	64.83	51.29	259.1	46.2	25.64	259.1	0.375	0.5	g88b	c29v
24	0.0	0.25	0.75	250.9	66.86	48.48	254.3	51.39	36.36	254.3	0.25	0.75	g83b	c25v	105	0.125	0.25	0.75	259.1	63.66	52.91	261.8	52.96	33.07	261.8	0.25	0.625	g90b	c31v
25	0.0	0.25	0.875	253.9	65.69	50.1	257.0	58.1	43.84	257.0	0.125	0.875	g86b	c27v	106	0.125	0.25	0.875	261.1	62.91	53.95	263.6	59.73	40.46	263.6	0.125	0.75	g92b	c32v
26	0.0	0.25	1.0	256.1	64.83	51.29	259.1	64.83	51.29	259.1	0.0	1.0	g88b	c29v	107	0.125	0.25	1.0	262.4	62.38	54.68	264.8	66.51	47.85	264.8	0.0	0.875	g93b	c33v
27	0.0	0.375	0.0	150.0	85.46	65.55	162.2	35.15	24.58	162.2	0.625	0.375	j99g	l77c	108	0.125	0.375	0.0	130.9	84.4	101.17	139.9	34.76	37.94	139.9	0.625	0.375	j67g	l30c
28	0.0	0.375	0.125	169.1	86.31	54.69	179.7	35.47	20.51	179.7	0.625	0.375	g16b	l92c	109	0.125	0.375	0.125	150.0	85.46	65.55	162.2	36.4	16.39	162.2	0.625	0.25	j99g	l77c
29	0.0	0.375	0.25	190.9	86.08	47.32	199.5	35.39	17.75	199.5	0.625	0.375	g33b	c01v	110	0.125	0.375	0.25	180.0	86.79	50.61	189.6	36.73	12.65	189.6	0.625	0.25	g25b	l97c
30	0.0	0.375	0.375	210.0	79.86	44.91	217.0	33.05	16.84	217.0	0.625	0.375	g50b	c08v	111	0.125	0.375	0.375	210.0	79.86	44.91	217.0	35.0	11.23	217.0	0.625	0.25	g50b	c08v
31	0.0	0.375	0.5	223.9	75.33	43.15	229.7	40.15	21.58	229.7	0.5	0.5	g61b	c12v	112	0.125	0.375	0.5	229.1	73.69	44.0	234.4	42.05	16.5	234.4	0.5	0.375	g66b	c15v
32	0.0	0.375	0.625	233.4	72.34	44.88	238.4	47.08	28.05	238.4	0.375	0.625	g69b	c17v	113	0.125	0.375	0.625	240.0	70.28	46.21	244.4	48.93	23.11	244.4	0.375	0.5	g75b	c20v
33	0.0	0.375	0.75	240.0	70.28	46.21	244.4	53.95	34.66	244.4	0.25	0.75	g75b	c20v	114	0.125	0.375	0.75	246.6	68.22	47.55	250.4	55.81	29.72	250.4	0.25	0.625	g80b	c23v
34	0.0	0.375	0.875	244.7	68.81	47.17	248.7	60.83	41.27	248.7	0.125	0.875	g78b	c22v	115	0.125	0.375	0.875	250.9	66.86	48.48	254.3</							

n _{rgb}	rgb → rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb → rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}
162	0.25 0.0 0.0	30.0	51.05 86.18 25.5	16.49 21.55 25.5	0.75	0.25	b99r	m80o	243	0.375 0.0 0.0	30.0	51.05 86.19 25.5	22.25 32.32 25.5	0.625	0.375	b99r	m80o
163	0.25 0.0 0.125	0.0	52.28 82.17 357.0	16.8 20.54 357.0	0.75	0.25	b75r	m47o	244	0.375 0.0 0.125	10.9	51.7 80.57 7.4	22.49 30.21 7.4	0.625	0.375	b83r	m61o
164	0.25 0.0 0.25	330.0	56.59 109.87 328.6	17.87 27.47 328.6	0.75	0.25	b50r	m02o	245	0.375 0.0 0.25	349.1	53.14 87.45 346.7	23.03 32.8 346.7	0.625	0.375	b66r	m31o
165	0.25 0.0 0.375	310.9	38.48 122.97 310.5	17.53 46.11 310.5	0.625	0.375	b33r	v45m	246	0.375 0.0 0.375	330.0	56.59 109.88 328.6	24.33 41.2 328.6	0.625	0.375	b50r	m02o
166	0.25 0.0 0.5	300.0	37.69 110.51 300.2	21.33 55.26 300.2	0.5	0.5	b25r	c80v	247	0.375 0.0 0.5	316.1	44.78 118.02 315.4	24.88 59.01 315.4	0.5	0.5	b38r	v68m
167	0.25 0.0 0.625	293.4	44.06 92.76 293.9	29.4 57.98 293.9	0.375	0.625	b19r	c68v	248	0.375 0.0 0.625	306.6	32.22 129.66 306.4	22.0 81.03 306.4	0.375	0.625	b30r	v15m
168	0.25 0.0 0.75	289.1	47.66 83.49 289.9	36.99 62.62 289.9	0.25	0.75	b16r	c61v	249	0.375 0.0 0.75	300.0	37.69 110.5 300.2	29.51 82.87 300.2	0.25	0.75	b25r	c80v
169	0.25 0.0 0.875	286.1	49.79 78.66 287.0	44.19 68.83 287.0	0.125	0.875	b13r	c57v	250	0.375 0.0 0.875	295.3	42.41 97.17 295.7	37.73 85.02 295.7	0.125	0.875	b21r	c71v
170	0.25 0.0 1.0	283.9	51.35 75.12 284.9	51.35 75.12 284.9	0.0	1.0	b11r	c54v	251	0.375 0.0 1.0	291.8	45.5 88.92 292.4	45.5 88.92 292.4	0.0	1.0	b18r	c65v
171	0.25 0.125 0.0	60.0	60.89 90.68 58.9	18.95 22.67 58.9	0.75	0.25	r49j	o39y	252	0.375 0.125 0.0	49.1	53.11 99.51 46.7	23.02 37.32 46.7	0.625	0.375	r32j	o16y
172	0.25 0.125 0.125	125.0	51.05 86.18 25.5	22.03 10.77 25.5	0.75	0.125	b99r	m80o	253	0.375 0.125 0.125	30.0	51.05 86.18 25.5	27.79 21.55 25.5	0.625	0.25	b99r	m80o
173	0.25 0.125 0.25	330.0	56.59 109.85 328.6	22.73 13.73 328.6	0.75	0.125	b50r	m02o	254	0.375 0.125 0.25	0.0	52.28 82.17 357.0	28.1 20.54 357.0	0.625	0.25	b75r	m47o
174	0.25 0.125 0.375	300.0	37.68 110.55 300.0	24.45 27.64 300.2	0.625	0.25	b25r	c80v	255	0.375 0.125 0.375	330.0	56.59 109.87 328.6	29.18 27.47 328.6	0.625	0.25	b50r	m02o
175	0.25 0.125 0.5	289.1	47.66 83.5 289.9	32.28 31.31 289.9	0.5	0.375	b16r	c61v	256	0.375 0.125 0.5	310.9	38.48 122.97 310.5	28.84 46.11 310.5	0.5	0.375	b33r	v45m
176	0.25 0.125 0.625	283.9	51.35 75.13 284.9	39.46 37.56 284.9	0.375	0.5	b11r	c54v	257	0.375 0.125 0.625	300.0	37.69 110.51 300.2	32.63 55.25 300.2	0.375	0.5	b25r	c80v
177	0.25 0.125 0.75	280.9	52.47 70.37 282.1	46.45 43.95 282.1	0.25	0.625	b09r	c50v	258	0.375 0.125 0.75	293.4	44.06 92.76 293.9	40.71 57.98 293.9	0.25	0.625	b19r	c68v
178	0.25 0.125 0.875	279.0	54.51 68.35 280.2	53.43 51.26 280.2	0.125	0.75	b07r	c48v	259	0.375 0.125 0.875	289.1	47.66 83.49 289.9	48.3 62.62 289.9	0.125	0.75	b16r	c61v
179	0.25 0.125 1.0	277.6	55.23 66.97 278.9	60.26 58.6 278.9	0.0	0.875	b06r	c47v	260	0.375 0.125 1.0	286.1	49.79 78.66 287.0	55.49 68.83 287.0	0.0	0.875	b13r	c57v
180	0.25 0.25 0.0	90.0	83.5 97.19 92.3	24.6 24.3 92.3	0.75	0.25	r99j	o89y	261	0.375 0.25 0.0	70.9	68.27 88.21 71.0	28.71 33.08 71.0	0.625	0.375	r67j	o58y
181	0.25 0.25 0.125	90.0	83.48 97.16 92.3	26.09 12.14 92.3	0.75	0.125	r99j	o89y	262	0.375 0.25 0.125	60.0	60.89 90.68 58.9	30.25 22.67 58.9	0.625	0.25	r99j	o89y
182	0.25 0.25 0.25	0.0	52.28 82.17 357.0	16.8 20.54 357.0	0.75	0.0	b75r	m47o	263	0.375 0.25 0.25	30.0	51.05 86.18 25.5	33.34 10.77 25.5	0.625	0.125	b99r	m80o
183	0.25 0.25 0.375	270.0	59.26 59.31 271.8	34.37 7.41 271.8	0.625	0.125	b00r	c39v	264	0.375 0.25 0.375	330.0	56.59 109.85 328.6	34.03 13.73 328.6	0.625	0.125	b50r	m02o
184	0.25 0.25 0.5	270.0	59.27 59.29 271.8	41.16 14.82 271.8	0.5	0.25	b00r	c39v	265	0.375 0.25 0.5	300.0	37.68 110.55 300.2	35.76 27.64 300.2	0.5	0.25	b25r	c80v
185	0.25 0.25 0.625	270.0	59.28 59.28 271.8	47.95 22.23 271.8	0.375	0.375	b00r	c39v	266	0.375 0.25 0.625	289.1	47.66 83.5 289.9	43.59 31.31 289.9	0.375	0.375	b16r	c61v
186	0.25 0.25 0.75	270.0	59.28 59.28 271.7	54.73 29.64 271.7	0.25	0.5	b00r	c39v	267	0.375 0.25 0.75	283.9	51.35 75.13 284.9	50.77 37.56 284.9	0.25	0.5	b11r	c54v
187	0.25 0.25 0.875	270.0	59.28 59.28 271.7	61.52 37.05 271.7	0.125	0.625	b00r	c39v	268	0.375 0.25 0.875	280.9	53.47 70.32 282.1	57.89 43.95 282.1	0.125	0.625	b09r	c50v
188	0.25 0.25 1.0	270.0	59.28 59.27 271.7	68.31 44.46 271.7	0.0	0.75	b00r	c39v	269	0.375 0.25 1.0	279.0	54.51 68.35 280.2	64.73 51.26 280.2	0.0	0.75	b07r	c48v
189	0.25 0.375 0.0	109.1	88.67 109.92 114.6	36.36 41.22 114.6	0.625	0.375	j31g	y24l	270	0.375 0.375 0.0	90.0	83.51 97.2 92.3	34.42 36.45 92.3	0.625	0.375	r99j	o89y
190	0.25 0.375 0.125	120.0	85.22 119.37 127.2	36.34 29.84 127.2	0.625	0.25	i49g	y67l	271	0.375 0.375 0.125	90.0	83.5 97.19 92.3	35.91 24.3 92.3	0.625	0.25	r99j	o89y
191	0.25 0.375 0.25	150.0	85.46 65.56 162.2	37.64 8.2 162.2	0.625	0.125	j99g	l77c	272	0.375 0.375 0.25	90.0	83.48 97.16 92.3	37.39 12.14 92.3	0.625	0.125	r99j	o89y
192	0.25 0.375 0.375	210.0	79.85 44.9 217.0	36.94 5.61 217.0	0.625	0.125	g50b	c08v	273	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
193	0.25 0.375 0.5	240.0	70.28 46.21 244.4	43.91 11.55 244.4	0.5	0.25	g75b	c20v	274	0.375 0.375 0.5	270.0	59.26 59.31 271.8	45.67 7.41 271.8	0.5	0.125	b00r	c39v
194	0.25 0.375 0.625	250.9	66.85 48.49 254.3	50.79 18.18 254.3	0.375	0.375	g83b	c25v	275	0.375 0.375 0.625	270.0	59.27 59.29 271.8	52.46 14.82 271.8	0.375	0.25	b00r	c39v
195	0.25 0.375 0.75	256.1	64.83 51.29 259.1	57.51 25.64 259.1	0.25	0.5	g88b	c29v	276	0.375 0.375 0.75	270.0	59.28 59.28 271.8	59.25 22.23 271.8	0.25	0.375	b00r	c39v
196	0.25 0.375 0.875	259.1	63.66 52.91 261.8	64.26 33.07 261.8	0.125	0.625	g90b	c31v	277	0.375 0.375 0.875	270.0	59.28 59.28 271.7	66.04 29.64 271.7	0.125	0.5	b00r	c39v
197	0.25 0.375 1.0	261.1	62.91 53.95 263.6	71.03 40.46 263.6	0.0	0.75	g92b	c32v	278	0.375 0.375 1.0	270.0	59.28 59.28 271.7	72.83 37.05 271.7	0.0	0.625	b00r	c39v
198	0.25 0.5 0.0	120.0	85.22 119.39 127.3	45.09 59.69 127.3	0.5	0.5	i49g	y67l	279	0.375 0.5 0.0	103.9	90.48 108.43 108.5	47.73 54.22 108.5	0.5	0.5	j23g	y11l
199	0.25 0.5 0.125	130.9	84.4 101.17 139.9	46.06 37.94 139.9	0.5	0.375	j67g	l30c	280	0.375 0.5 0.125	109.1	88.67 109.92 114.6	47.66 41.22 114.6	0.5	0.375	j31g	y24l
200	0.25 0.5 0.25	150.0	85.46 65.55 162.2	47.7 16.39 162.2	0.5	0.25	j99g	l77c	281	0.375 0.5 0.25	120.0	85.22 119.37 127.2	47.64 29.84 127.2	0.5	0.25	i49g	y67l
201	0.25 0.5 0.375	180.0	86.79 50.61 189.6	48.03 12.65 189.6	0.5	0.25	g25b	l97c	282	0.375 0.5 0.375	150.0	85.46 65.56 162.2	48.95 8.2 162.2	0.5	0.125	j99g	l77c
202	0.25 0.5 0.5	210.0	79.86 44.91 217.0	46.3 11.23 217.0	0.5	0.25	g50b	c08v	283	0.375 0.5 0.5	210.0	79.85 44.9 217.0	48.24 5.61 217.0	0.5	0.125	g50b	c08v
203	0.25 0.5 0.625	229.1	73.69 44.0 234.4	53.35 16.5 234.4	0.375	0.375	g66b	c15v	284	0.375 0.5 0.625	240.0	70.28 46.21 244.4	55.2				

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TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n _{rgb} rgb -> rgb*3				h _{rgb}				[L*, C _{ab} [*] , h _{ab}]M _{a,e}				[L*, C _{ab} [*] , h _{ab}]F _{a,e}				n _{Fa} c _{Fa} u _{Fa} d _{Fa}				n _{rgb} rgb -> rgb*3				h _{rgb}				[L*, C _{ab} [*] , h _{ab}]M _{a,e}				[L*, C _{ab} [*] , h _{ab}]F _{a,e}				n _{Fa} c _{Fa} u _{Fa} d _{Fa}								
324	0.5	0.0	0.0	30.0	51.05	86.19	25.5	28.01	43.09	25.5	0.5	0.5	b99r	m80o	405	0.625	0.0	0.0	30.0	51.05	86.19	25.5	33.77	53.87	25.5	0.375	0.625	b99r	m80o	406	0.625	0.0	0.0	30.0	51.05	86.19	25.5	33.77	53.87	25.5	0.375	0.625	b99r	m80o
325	0.5	0.0	0.125	16.1	51.49	81.13	12.3	28.23	40.56	12.3	0.5	0.5	b88r	m66o	406	0.625	0.0	0.125	19.1	51.38	81.72	15.1	33.98	51.07	15.1	0.375	0.625	b90r	m69o	407	0.625	0.0	0.25	6.6	51.91	80.97	3.3	34.31	50.61	3.3	0.375	0.625	b80r	m55o
326	0.5	0.0	0.25	0.0	52.28	82.17	357.0	28.62	41.08	357.0	0.5	0.5	b75r	m47o	407	0.625	0.0	0.25	6.6	51.91	80.97	3.3	34.31	50.61	3.3	0.375	0.625	b80r	m55o	408	0.625	0.0	0.375	343.9	53.71	91.42	341.8	40.64	45.71	341.8	0.375	0.625	b69r	m38o
327	0.5	0.0	0.375	343.9	53.71	91.42	341.8	29.34	45.71	341.8	0.5	0.5	m22o	m22o	408	0.625	0.0	0.375	343.9	53.71	91.42	341.8	40.64	45.71	341.8	0.375	0.625	b69r	m38o	409	0.625	0.0	0.5	340.9	54.13	94.35	338.9	35.69	58.97	338.9	0.375	0.625	b59r	m16o
328	0.5	0.0	0.5	330.0	56.59	109.88	328.6	30.78	54.94	328.6	0.5	0.5	b50r	m02o	409	0.625	0.0	0.5	340.9	54.13	94.35	338.9	35.69	58.97	338.9	0.375	0.625	b59r	m16o	410	0.625	0.0	0.625	330.0	56.59	109.88	328.6	37.23	68.88	328.6	0.375	0.625	b50r	m02o
329	0.5	0.0	0.625	319.1	48.09	115.91	318.3	31.92	72.44	318.3	0.375	0.625	b40r	v78m	410	0.625	0.0	0.625	330.0	56.59	109.88	328.6	37.23	68.88	328.6	0.375	0.625	b50r	m02o	411	0.625	0.0	0.75	321.5	50.14	114.94	320.1	38.85	86.2	320.1	0.25	0.75	b42r	v84m
330	0.5	0.0	0.75	310.9	38.47	122.98	310.5	30.09	92.23	310.5	0.25	0.75	b33r	v45m	411	0.625	0.0	0.75	321.5	50.14	114.94	320.1	38.85	86.2	320.1	0.25	0.75	b42r	v84m	412	0.625	0.0	0.875	313.9	42.24	119.87	313.4	37.58	104.88	313.4	0.125	0.875	b36r	v59m
331	0.5	0.0	0.875	304.7	32.14	127.24	304.6	28.74	111.33	304.6	0.125	0.875	b28r	c95v	412	0.625	0.0	0.875	313.9	42.24	119.87	313.4	37.58	104.88	313.4	0.125	0.875	b36r	v59m	413	0.625	0.0	1.0	308.2	34.72	126.87	308.0	34.72	126.87	308.0	0.0	1.0	b31r	v28m
332	0.5	0.0	1.0	300.0	37.69	110.49	300.2	37.69	110.49	300.2	0.0	1.0	b25r	c80v	413	0.625	0.0	1.0	308.2	34.72	126.87	308.0	34.72	126.87	308.0	0.0	1.0	b31r	v28m	414	0.625	0.125	0.0	40.9	50.77	96.06	37.6	33.59	60.04	37.6	0.375	0.625	r18j	m92o
333	0.5	0.125	0.0	43.9	50.72	100.34	40.9	27.84	50.17	40.9	0.5	0.5	r23j	m97o	414	0.625	0.125	0.0	40.9	50.77	96.06	37.6	33.59	60.04	37.6	0.375	0.625	r18j	m92o	415	0.625	0.125	0.125	30.0	51.05	86.19	25.5	39.31	43.09	25.5	0.375	0.5	b99r	m80o
334	0.5	0.125	0.125	30.0	51.05	86.19	25.5	33.55	32.32	25.5	0.5	0.375	b99r	m80o	415	0.625	0.125	0.125	30.0	51.05	86.19	25.5	39.31	43.09	25.5	0.375	0.5	b99r	m80o	416	0.625	0.125	0.25	16.1	51.49	81.13	12.3	39.53	40.56	12.3	0.375	0.5	b88r	m66o
335	0.5	0.125	0.25	10.9	51.7	80.57	7.4	33.8	30.21	7.4	0.5	0.375	b33r	m47o	416	0.625	0.125	0.25	16.1	51.49	81.13	12.3	39.53	40.56	12.3	0.375	0.5	b88r	m66o	417	0.625	0.125	0.375	0.0	52.28	82.17	357.0	39.93	41.08	357.0	0.375	0.5	b75r	m47o
336	0.5	0.125	0.375	349.1	53.14	87.45	346.7	34.34	32.8	346.7	0.5	0.375	b66r	m31o	417	0.625	0.125	0.375	0.0	52.28	82.17	357.0	39.93	41.08	357.0	0.375	0.5	b75r	m47o	418	0.625	0.125	0.5	343.9	53.71	91.42	341.8	40.64	45.71	341.8	0.375	0.5	b61r	m22o
337	0.5	0.125	0.5	330.0	56.59	109.88	328.6	35.63	41.2	328.6	0.5	0.375	b50r	m02o	418	0.625	0.125	0.5	343.9	53.71	91.42	341.8	40.64	45.71	341.8	0.375	0.5	b61r	m22o	419	0.625	0.125	0.625	330.0	56.59	109.88	328.6	42.09	54.94	328.6	0.375	0.5	b50r	m02o
338	0.5	0.125	0.625	316.1	44.78	118.02	315.4	36.18	59.01	315.4	0.375	0.5	b38r	v68m	419	0.625	0.125	0.625	330.0	56.59	109.88	328.6	42.09	54.94	328.6	0.375	0.5	b50r	m02o	420	0.625	0.125	0.75	319.1	48.09	115.91	318.3	43.22	72.44	318.3	0.25	0.625	b40r	v78m
339	0.5	0.125	0.75	306.6	32.22	129.66	306.4	33.31	81.03	306.4	0.25	0.625	b30r	v15m	420	0.625	0.125	0.75	319.1	48.09	115.91	318.3	43.22	72.44	318.3	0.25	0.625	b40r	v78m	421	0.625	0.125	0.875	310.9	38.47	122.98	310.5	41.4	92.23	310.5	0.125	0.75	b33r	v45m
340	0.5	0.125	0.875	300.0	37.69	110.5	300.2	40.82	82.87	300.2	0.125	0.75	b25r	c80v	421	0.625	0.125	0.875	310.9	38.47	122.98	310.5	41.4	92.23	310.5	0.125	0.75	b33r	v45m	422	0.625	0.125	1.0	304.7	32.14	127.24	304.6	40.05	111.33	304.6	0.0	0.875	b28r	c95v
341	0.5	0.125	1.0	295.3	42.41	97.17	295.7	49.04	85.02	295.7	0.0	0.875	b21r	c71v	422	0.625	0.125	1.0	304.7	32.14	127.24	304.6	40.05	111.33	304.6	0.0	0.875	b28r	c95v	423	0.625	0.25	0.0	53.4	56.32	95.0	51.5	37.06	59.37	51.5	0.375	0.625	r39j	o26y
342	0.5	0.25	0.0	60.0	60.89	90.67	58.9	32.93	45.34	58.9	0.5	0.5	r49j	o39y	423	0.625	0.25	0.0	53.4	56.32	95.0	51.5	37.06	59.37	51.5	0.375	0.625	r39j	o26y	424	0.625	0.25	0.125	43.9	50.72	100.34	40.9	39.15	50.17	40.9	0.375	0.5	r23j	m97o
343	0.5	0.25	0.125	49.1	53.11	99.51	46.7	34.33	37.32	46.7	0.5	0.375	r32j	o16y	424	0.625	0.25	0.125	43.9	50.72	100.34	40.9	39.15	50.17	40.9	0.375	0.5	r23j	m97o	425	0.625	0.25	0.25	30.0	51.05	86.19	25.5	44.86	32.32	25.5	0.375	0.375	b99r	m80o
344	0.5	0.25	0.25	30.0	51.05	86.18	25.5	39.1	21.55	25.5	0.5	0.25	b99r	m80o	425	0.625	0.25	0.25	30.0	51.05	86.19	25.5	44.86	32.32	25.5	0.375	0.375	b99r	m80o	426	0.625	0.25	0.375	10.9	51.7	80.57	7.4	45.1	30.21	7.4	0.375	0.375	b83r	m61o
345	0.5	0.25	0.375	0.0	52.28	82.17	357.0	39.41	20.54	357.0	0.5	0.25	b75r	m47o	426	0.625	0.25	0.375	10.9	51.7	80.57	7.4	45.1	30.21	7.4	0.375	0.375	b83r	m61o	427	0.625	0.25	0.5	349.1	53.14	87.45	346.7	45.64	32.8	346.7	0.375	0.375	b66r	m31o
346	0.5	0.25	0.5	330.0	56.59	109.87	328.6	40.48	27.47	328.6	0.5	0.25	b50r	m02o	427	0.625	0.25	0.5	349.1	53.14	87.45	346.7	45.64	32.8	346.7	0.375	0.375	b66r	m31o	428	0.625	0.25	0.625	330.0	56.59	109.88	328.6	46.94	41.2	328.6	0.375	0.375	b50r	m02o
347	0.5	0.25	0.625	310.9	38.48	122.97	310.5	40.14	46.11	310.5	0.375	0.375	b33r	v45m	428	0.625	0.25	0.625	330.0	56.59	109.88	328.6	46.94	41.2	328.6	0.375	0.375	b50r	m02o	429	0.625	0.25	0.75	316.1	44.78	118.02	315.4	47.49	59.01	315.4	0.25	0.5	b38r	v68m
348	0.5	0.25	0.75	300.0	37.69	110.51	300.2	43.94	55.26	300.2	0.25	0.5	b25r	c80v	429	0.625	0																											

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n _{rgb} rgb → rgb*				h _{rgb}				[L*, C* _{ab} , h _{ab}]Ma,e				[L*, C* _{ab} , h _{ab}]Fa,e				n _{Fa} c _{Fa} u _{Fa} d _{Fa}				n _{rgb} rgb → rgb*				h _{rgb}				[L*, C* _{ab} , h _{ab}]Ma,e				[L*, C* _{ab} , h _{ab}]Fa,e				n _{Fa} c _{Fa} u _{Fa} d _{Fa}								
486	0.75	0.0	0.0	30.0	51.05	86.19	25.5	39.53	64.64	25.5	0.25	0.75	b99r	m80o	567	0.875	0.0	0.0	30.0	51.05	86.19	25.5	45.29	75.41	25.5	0.125	0.875	b99r	m80o	567	0.875	0.0	0.0	30.0	51.05	86.19	25.5	45.29	75.41	25.5	0.125	0.875	b99r	m80o
487	0.75	0.0	0.125	21.0	51.31	82.1	17.0	39.72	61.57	17.0	0.25	0.75	b92r	m71o	568	0.875	0.0	0.125	22.4	51.26	82.36	18.3	45.47	72.07	18.3	0.125	0.875	b93r	m73o	568	0.875	0.0	0.125	22.4	51.26	82.36	18.3	45.47	72.07	18.3	0.125	0.875	b93r	m73o
488	0.75	0.0	0.25	10.9	51.7	80.57	7.4	40.01	60.43	7.4	0.25	0.75	b83r	m61o	569	0.875	0.0	0.25	13.9	51.57	80.7	10.2	45.74	70.61	10.2	0.125	0.875	b86r	m64o	569	0.875	0.0	0.25	13.9	51.57	80.7	10.2	45.74	70.61	10.2	0.125	0.875	b86r	m64o
489	0.75	0.0	0.375	0.0	52.28	82.17	357.0	40.45	61.63	357.0	0.25	0.75	b75r	m47o	570	0.875	0.0	0.375	4.7	52.0	81.15	1.5	46.12	71.0	1.5	0.125	0.875	b78r	m53o	570	0.875	0.0	0.375	4.7	52.0	81.15	1.5	46.12	71.0	1.5	0.125	0.875	b78r	m53o
490	0.75	0.0	0.5	349.1	53.14	87.46	346.7	41.1	65.59	346.7	0.25	0.75	b66r	m31o	571	0.875	0.0	0.5	355.3	52.61	84.0	352.6	46.66	73.5	352.6	0.125	0.875	b71r	m40o	571	0.875	0.0	0.5	355.3	52.61	84.0	352.6	46.66	73.5	352.6	0.125	0.875	b71r	m40o
491	0.75	0.0	0.625	339.0	54.4	96.24	337.1	42.04	72.18	337.1	0.25	0.75	b57r	m13o	572	0.875	0.0	0.625	346.1	53.42	89.38	343.9	47.36	78.21	343.9	0.125	0.875	b63r	m26o	572	0.875	0.0	0.625	346.1	53.42	89.38	343.9	47.36	78.21	343.9	0.125	0.875	b63r	m26o
492	0.75	0.0	0.75	330.0	56.59	109.88	328.6	43.69	82.41	328.6	0.25	0.75	b50r	m02o	573	0.875	0.0	0.75	337.6	54.71	98.19	335.8	48.49	85.91	335.8	0.125	0.875	b56r	m11o	573	0.875	0.0	0.75	337.6	54.71	98.19	335.8	48.49	85.91	335.8	0.125	0.875	b56r	m11o
493	0.75	0.0	0.875	322.4	51.56	114.32	321.4	45.73	100.03	321.4	0.125	0.875	b43r	v88m	574	0.875	0.0	0.875	330.0	56.59	109.88	328.6	50.14	96.15	328.6	0.125	0.875	b50r	m02o	574	0.875	0.0	0.875	330.0	56.59	109.88	328.6	50.14	96.15	328.6	0.125	0.875	b50r	m02o
494	0.75	0.0	1.0	316.1	44.78	118.03	315.4	44.78	118.03	315.4	0.0	1.0	b38r	v68m	575	0.875	0.0	1.0	323.4	52.53	114.06	322.4	52.53	114.06	322.4	0.0	1.0	b44r	v90m	575	0.875	0.0	1.0	323.4	52.53	114.06	322.4	52.53	114.06	322.4	0.0	1.0	b44r	v90m
495	0.75	0.125	0.0	38.9	50.8	93.3	35.4	39.34	69.97	35.4	0.25	0.75	r15j	m89o	576	0.875	0.125	0.0	37.6	50.83	91.75	33.9	45.1	80.28	33.9	0.125	0.875	r13j	m87o	576	0.875	0.125	0.0	37.6	50.83	91.75	33.9	45.1	80.28	33.9	0.125	0.875	r13j	m87o
496	0.75	0.125	0.125	30.0	51.05	86.19	25.5	45.07	53.87	25.5	0.25	0.625	b99r	m80o	577	0.875	0.125	0.125	30.0	51.05	86.19	25.5	50.83	64.64	25.5	0.125	0.75	b99r	m80o	577	0.875	0.125	0.125	30.0	51.05	86.19	25.5	50.83	64.64	25.5	0.125	0.75	b99r	m80o
497	0.75	0.125	0.25	19.1	51.38	81.72	15.1	45.28	51.07	15.1	0.25	0.625	b90r	m65o	578	0.875	0.125	0.25	21.0	51.31	82.1	17.0	51.03	61.57	17.0	0.125	0.75	b92r	m71o	578	0.875	0.125	0.25	21.0	51.31	82.1	17.0	51.03	61.57	17.0	0.125	0.75	b92r	m71o
498	0.75	0.125	0.375	6.6	51.91	80.97	3.3	45.61	50.61	3.3	0.25	0.625	b80r	m55o	579	0.875	0.125	0.375	10.9	51.7	80.57	7.4	51.32	60.43	7.4	0.125	0.75	b83r	m61o	579	0.875	0.125	0.375	10.9	51.7	80.57	7.4	51.32	60.43	7.4	0.125	0.75	b83r	m61o
499	0.75	0.125	0.5	353.4	52.74	84.73	350.8	46.13	52.95	350.8	0.25	0.625	b69r	m38o	580	0.875	0.125	0.5	350.0	52.28	82.17	357.0	51.76	61.63	357.0	0.125	0.75	b75r	m47o	580	0.875	0.125	0.5	350.0	52.28	82.17	357.0	51.76	61.63	357.0	0.125	0.75	b75r	m47o
500	0.75	0.125	0.625	340.9	54.13	94.35	338.9	47.0	58.97	338.9	0.25	0.625	b59r	m16o	581	0.875	0.125	0.625	349.1	53.14	87.46	346.7	52.4	65.59	346.7	0.125	0.75	b66r	m31o	581	0.875	0.125	0.625	349.1	53.14	87.46	346.7	52.4	65.59	346.7	0.125	0.75	b66r	m31o
501	0.75	0.125	0.75	330.0	56.59	109.88	328.6	48.54	68.68	328.6	0.25	0.625	b50r	m02o	582	0.875	0.125	0.75	339.0	54.4	96.24	337.1	53.35	72.18	337.1	0.125	0.75	b57r	m13o	582	0.875	0.125	0.75	339.0	54.4	96.24	337.1	53.35	72.18	337.1	0.125	0.75	b57r	m13o
502	0.75	0.125	0.875	321.1	50.14	114.94	320.1	50.15	86.2	320.1	0.125	0.75	b42r	v84m	583	0.875	0.125	0.875	330.0	56.59	109.88	328.6	54.99	82.41	328.6	0.125	0.75	b50r	m02o	583	0.875	0.125	0.875	330.0	56.59	109.88	328.6	54.99	82.41	328.6	0.125	0.75	b50r	m02o
503	0.75	0.125	1.0	313.9	42.24	119.87	313.4	42.24	108.88	313.4	0.0	0.875	b36r	v59m	584	0.875	0.125</																											

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

n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c_{Fa}	u_{Fa}	d_{Fa}
648	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
649	1.0 0.0 0.125	23.4	51.22 82.56 19.2	51.22 82.56 19.2	0.0	1.0	b94r	m74o
650	1.0 0.0 0.25	16.1	51.49 81.13 12.3	51.49 81.13 12.3	0.0	1.0	b88r	m66o
651	1.0 0.0 0.375	8.2	51.83 80.82 4.8	51.83 80.82 4.8	0.0	1.0	b81r	m57o
652	1.0 0.0 0.5	0.0	52.28 82.17 357.0	52.28 82.17 357.0	0.0	1.0	b75r	m47o
653	1.0 0.0 0.625	351.8	52.89 85.74 349.3	52.89 85.74 349.3	0.0	1.0	b68r	m35o
654	1.0 0.0 0.75	343.9	53.71 91.42 341.8	53.71 91.42 341.8	0.0	1.0	b61r	m22o
655	1.0 0.0 0.875	336.6	54.96 99.73 334.9	54.96 99.73 334.9	0.0	1.0	b55r	m10o
656	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
657	1.0 0.125 0.0	36.6	50.86 91.02 32.8	50.86 91.02 32.8	0.0	1.0	r11j	m86o
658	1.0 0.125 0.125	30.0	51.05 86.19 25.5	56.6 75.41 25.5	0.0	0.875	b99r	m80o
659	1.0 0.125 0.25	22.4	51.26 82.36 18.3	56.78 72.07 18.3	0.0	0.875	b93r	m73o
660	1.0 0.125 0.375	13.9	51.57 80.7 10.2	57.05 70.61 10.2	0.0	0.875	b86r	m64o
661	1.0 0.125 0.5	4.7	52.0 81.15 1.5	57.43 71.0 1.5	0.0	0.875	b78r	m53o
662	1.0 0.125 0.625	355.3	52.61 84.0 352.6	57.96 73.5 352.6	0.0	0.875	b71r	m40o
663	1.0 0.125 0.75	346.1	53.42 89.28 343.9	58.67 78.21 343.9	0.0	0.875	b63r	m26o
664	1.0 0.125 0.875	337.6	54.71 98.19 335.8	59.8 85.91 335.8	0.0	0.875	b56r	m11o
665	1.0 0.125 1.0	330.0	56.59 109.88 328.6	61.44 96.15 328.6	0.0	0.875	b50r	m02o
666	1.0 0.25 0.0	43.9	50.72 100.34 41.0	50.72 100.34 41.0	0.0	1.0	r23j	m97o
667	1.0 0.25 0.125	37.6	50.83 91.75 33.9	56.4 80.28 33.9	0.0	0.875	r13j	m87o
668	1.0 0.25 0.25	30.0	51.05 86.19 25.5	62.14 64.64 25.5	0.0	0.75	b99r	m80o
669	1.0 0.25 0.375	21.0	51.31 82.1 17.0	62.33 61.57 17.0	0.0	0.75	b92r	m71o
670	1.0 0.25 0.5	10.9	51.7 80.57 7.4	62.62 60.43 7.4	0.0	0.75	b83r	m61o
671	1.0 0.25 0.625	0.0	52.28 82.17 357.0	63.06 61.63 357.0	0.0	0.75	b75r	m47o
672	1.0 0.25 0.75	349.1	53.14 87.46 346.7	63.71 65.59 346.7	0.0	0.75	b66r	m31o
673	1.0 0.25 0.875	339.0	54.4 96.24 337.1	64.65 72.18 337.1	0.0	0.75	b57r	m13o
674	1.0 0.25 1.0	330.0	56.59 109.88 328.6	66.3 82.41 328.6	0.0	0.75	b50r	m02o
675	1.0 0.375 0.0	51.8	55.13 96.56 49.7	55.13 96.56 49.7	0.0	1.0	r36j	o22y
676	1.0 0.375 0.125	46.1	50.78 103.15 43.4	56.36 90.25 43.4	0.0	0.875	r27j	o01y
677	1.0 0.375 0.25	38.9	50.8 93.3 35.4	61.95 69.97 35.4	0.0	0.75	r15j	m89o
678	1.0 0.375 0.375	30.0	51.05 86.19 25.5	67.68 53.87 25.5	0.0	0.625	b99r	m80o
679	1.0 0.375 0.5	19.1	51.38 81.72 15.1	67.89 51.07 15.1	0.0	0.625	b90r	m69o
680	1.0 0.375 0.625	6.6	51.91 80.97 3.3	68.22 50.61 3.3	0.0	0.625	b80r	m55o
681	1.0 0.375 0.75	353.4	52.74 84.73 350.8	68.74 52.95 350.8	0.0	0.625	b69r	m38o
682	1.0 0.375 0.875	340.9	54.13 94.35 338.9	69.61 58.97 338.9	0.0	0.625	b59r	m16o
683	1.0 0.375 1.0	330.0	56.59 109.88 328.6	71.15 68.68 328.6	0.0	0.625	b50r	m02o
684	1.0 0.5 0.0	60.0	60.9 90.67 58.9	60.9 90.67 58.9	0.0	1.0	r49j	o39y
685	1.0 0.5 0.125	55.3	57.63 93.67 53.6	62.35 81.96 53.6	0.0	0.875	r42j	o30y
686	1.0 0.5 0.25	49.1	53.11 99.5 46.8	63.69 74.63 46.8	0.0	0.75	r32j	o16y
687	1.0 0.5 0.375	40.9	50.77 96.06 37.6	67.51 60.04 37.6	0.0	0.625	r18j	m92o
688	1.0 0.5 0.5	30.0	51.05 86.19 25.5	73.23 43.09 25.5	0.0	0.5	b99r	m80o
689	1.0 0.5 0.625	16.1	51.49 81.13 12.3	73.45 40.56 12.3	0.0	0.5	b88r	m66o
690	1.0 0.5 0.75	0.0	52.28 82.17 357.0	73.84 41.08 357.0	0.0	0.5	b75r	m47o
691	1.0 0.5 0.875	343.9	53.71 91.42 341.8	74.56 45.71 341.8	0.0	0.5	b61r	m22o
692	1.0 0.5 1.0	330.0	56.59 109.88 328.6	76.0 54.94 328.6	0.0	0.5	b50r	m02o
693	1.0 0.625 0.0	68.2	66.45 88.37 68.0	66.45 88.37 68.0	0.0	1.0	r63j	o54y
694	1.0 0.625 0.125	64.7	64.07 88.99 64.1	67.99 77.86 64.1	0.0	0.875	r57j	o48y
695	1.0 0.625 0.25	60.0	60.9 90.67 58.9	69.52 68.0 58.9	0.0	0.75	r49j	o39y
696	1.0 0.625 0.375	53.4	56.32 95.0 51.5	70.98 59.37 51.5	0.0	0.625	r39j	o26y
697	1.0 0.625 0.5	43.9	50.72 100.34 40.9	73.06 50.17 40.9	0.0	0.5	r23j	m97o
698	1.0 0.625 0.625	30.0	51.05 86.19 25.5	78.77 32.32 25.5	0.0	0.375	b99r	m80o
699	1.0 0.625 0.75	10.9	51.7 80.57 7.4	79.02 30.21 7.4	0.0	0.375	b83r	m61o
700	1.0 0.625 0.875	349.1	53.14 87.45 346.7	79.56 32.8 346.7	0.0	0.375	b66r	m31o
701	1.0 0.625 1.0	330.0	56.59 109.88 328.6	80.85 41.2 328.6	0.0	0.375	b50r	m02o
702	1.0 0.75 0.0	76.1	71.96 88.85 76.8	71.96 88.85 76.8	0.0	1.0	r76j	o67y
703	1.0 0.75 0.125	73.9	70.35 88.21 74.4	73.48 77.18 74.4	0.0	0.875	r72j	o63y
704	1.0 0.75 0.25	70.9	68.27 88.21 71.0	75.06 66.16 71.0	0.0	0.75	r67j	o58y
705	1.0 0.75 0.375	66.6	65.34 88.47 66.2	76.61 55.29 66.2	0.0	0.625	r60j	o51y
706	1.0 0.75 0.5	60.0	60.89 90.67 58.9	78.15 45.34 58.9	0.0	0.5	r49j	o39y
707	1.0 0.75 0.625	49.1	53.11 99.5 46.7	79.55 37.32 46.7	0.0	0.375	r32j	o16y
708	1.0 0.75 0.75	30.0	51.05 86.18 25.5	84.32 21.55 25.5	0.0	0.25	b99r	m80o
709	1.0 0.75 0.875	0.0	52.28 82.17 357.0	84.63 20.54 357.0	0.0	0.25	b75r	m47o
710	1.0 0.75 1.0	330.0	56.59 109.87 328.6	85.7 27.47 328.6	0.0	0.25	b50r	m02o
711	1.0 0.875 0.0	83.4	77.6 91.93 85.0	77.6 91.93 85.0	0.0	1.0	r88j	o78y
712	1.0 0.875 0.125	82.4	76.73 91.2 83.9	79.06 79.8 83.9	0.0	0.875	r86j	o77y
713	1.0 0.875 0.25	81.0	75.58 90.3 82.3	80.53 67.73 82.3	0.0	0.75	r84j	o75y
714	1.0 0.875 0.375	79.1	74.15 89.73 80.2	82.12 56.08 80.2	0.0	0.625	r81j	o72y
715	1.0 0.875 0.5	76.1	71.96 88.85 76.8	83.68 44.43 76.8	0.0	0.5	r76j	o67y
716	1.0 0.875 0.625	70.9	68.27 88.21 71.0	85.23 33.08 71.0	0.0	0.375	r67j	o58y
717	1.0 0.875 0.75	60.0	60.89 90.68 58.9	86.78 22.67 58.9	0.0	0.25	r49j	o39y
718	1.0 0.875 0.875	30.0	51.05 86.18 25.5	89.86 10.77 25.5	0.0	0.125	b99r	m80o
719	1.0 0.875 1.0	330.0	56.59 109.85 328.6	90.56 13.73 328.6	0.0	0.125	b50r	m02o
720	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
721	1.0 1.0 0.125	90.0	83.52 97.21 92.3	85.01 85.06 92.3	0.0	0.875	r99j	o89y
722	1.0 1.0 0.25	90.0	83.52 97.21 92.3	86.49 72.91 92.3	0.0	0.75	r99j	o89y
723	1.0 1.0 0.375	90.0	83.52 97.21 92.3	87.98 60.75 92.3	0.0	0.625	r99j	o89y
724	1.0 1.0 0.5	90.0	83.52 97.2 92.3	89.46 48.6 92.3	0.0	0.5	r99j	o89y
725	1.0 1.0 0.625	90.0	83.51 97.2 92.3	90.95 36.45 92.3	0.0	0.375	r99j	o89y
726	1.0 1.0 0.75	90.0	83.5 97.19 92.3	92.43 24.3 92.3	0.0	0.25	r99j	o89y
727	1.0 1.0 0.875	90.0	83.48 97.16 92.3	93.92 12.14 92.3	0.0	0.125	r99j	o89y
728	1.0 1.0 1.0	90.0	52.28 82.17 357.0	95.41 0.0 357.0	0.0	0.0	b75r	m47o

KE610-7N, 6, table $rgb \rightarrow rgb^*3 - LCH^*a$ of 729 colours of $9 \times 9 \times 9 (=729)$ colour grid; elementary colour coordinates rgb^*3 ; display reflection $L_r=0,6\%$; Page 10/40

TUB-test chart KE61; 729 rgb^* colours of $9 \times 9 \times 9$ grid
LECD display: CIELAB data of colours Ma and Fa

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klau.s.richter/KE61/KE61L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma_e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa_e}$	n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}	n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma_e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa_e}$	n^*_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}												
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	81	0.125	0.0	0.0	30.0	51.6	84.5	25.5	15.56	10.56	25.5	0.875	0.125	b99r	m80o	
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	82	0.125	0.0	0.125	330.0	57.03	108.29	328.6	16.24	13.54	328.6	0.875	0.125	b50r	m02o
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	83	0.125	0.0	0.25	300.0	38.25	109.41	300.2	17.37	27.35	300.2	0.75	0.25	b25r	c81u
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	84	0.125	0.0	0.375	289.1	48.18	82.53	289.9	24.58	30.95	289.9	0.625	0.375	b16r	c61v
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	85	0.125	0.0	0.5	283.9	51.82	74.3	284.9	31.12	37.15	284.9	0.5	0.5	b11r	c54v
5	0.0	0.0	0.625	270.0	59.68	58.62	271.7	41.25	36.63	271.7	0.375	0.625	b00r	c39v	86	0.125	0.0	0.625	280.9	53.92	69.55	282.1	37.61	43.47	282.1	0.375	0.625	b09r	c50v
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	87	0.125	0.0	0.75	279.0	54.96	67.57	280.2	43.82	50.67	280.2	0.25	0.75	b07r	c48v
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	88	0.125	0.0	0.875	277.6	55.67	66.21	278.9	50.02	57.93	278.9	0.125	0.875	b06r	c47v
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	89	0.125	0.0	1.0	276.6	56.2	65.2	278.0	56.2	65.2	278.0	0.0	1.0	b05r	c46v
9	0.0	0.125	0.0	150.0	85.54	64.88	162.2	19.8	8.11	162.2	0.875	0.125	j99g	j77c	90	0.125	0.125	0.0	90.0	83.54	94.51	92.3	19.55	11.81	92.3	0.875	0.125	r99j	o88y
10	0.0	0.125	0.125	210.0	80.01	44.47	217.0	19.11	5.56	217.0	0.875	0.125	g50b	c08v	91	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
11	0.0	0.125	0.25	240.0	70.54	45.72	244.4	25.45	11.43	244.4	0.75	0.25	g50b	c20v	92	0.125	0.125	0.25	270.0	59.66	58.65	271.8	27.19	7.33	271.8	0.75	0.125	b00r	c39v
12	0.0	0.125	0.375	250.9	67.16	47.95	254.3	31.7	17.98	254.3	0.625	0.375	g83b	c08v	93	0.125	0.125	0.375	270.0	59.67	58.63	271.8	33.35	14.66	271.8	0.625	0.25	b00r	c39v
13	0.0	0.125	0.5	256.1	65.16	50.72	259.1	37.79	25.36	259.1	0.5	0.5	g88b	c29v	94	0.125	0.125	0.5	270.0	59.67	58.62	271.8	39.51	21.98	271.8	0.5	0.375	b00r	c39v
14	0.0	0.125	0.625	259.1	64.01	52.32	261.8	43.91	32.7	261.8	0.375	0.625	g90b	c31v	95	0.125	0.125	0.625	270.0	59.67	58.62	271.7	45.67	29.31	271.7	0.375	0.5	b00r	c39v
15	0.0	0.125	0.75	261.1	62.35	53.23	263.6	50.05	40.01	263.6	0.25	0.75	g92b	c32v	96	0.125	0.125	0.75	270.0	59.68	58.62	271.7	51.83	26.63	271.7	0.25	0.625	b00r	c39v
16	0.0	0.125	0.875	262.4	62.74	54.07	264.8	56.2	47.31	264.8	0.125	0.875	g93b	c33v	97	0.125	0.125	0.875	270.0	59.68	58.61	271.7	57.98	43.96	271.7	0.125	0.75	b00r	c39v
17	0.0	0.125	1.0	263.4	62.35	54.61	265.7	62.35	54.61	265.7	0.0	1.0	g94b	c34v	98	0.125	0.125	1.0	270.0	59.68	58.61	271.7	64.14	51.29	271.7	0.0	0.875	b00r	c39v
18	0.0	0.25	0.0	150.0	85.54	64.87	162.2	29.19	16.22	162.2	0.75	0.25	j99g	j77c	99	0.125	0.25	0.0	120.0	85.41	116.67	127.2	29.16	29.17	127.2	0.75	0.25	j49g	y65l
19	0.0	0.25	0.125	180.0	86.86	50.13	189.6	29.52	12.53	189.6	0.75	0.25	g25b	j97c	100	0.125	0.25	0.125	150.0	85.54	64.88	162.2	30.43	8.11	162.2	0.75	0.125	j99g	j77c
20	0.0	0.25	0.25	210.0	80.01	44.47	217.0	27.81	11.12	217.0	0.75	0.25	g50b	c08v	101	0.125	0.25	0.25	210.0	80.01	44.47	217.0	29.74	5.56	217.0	0.75	0.125	g50b	c08v
21	0.0	0.25	0.375	229.1	73.92	43.54	234.4	34.23	16.33	234.4	0.625	0.375	g66b	c15v	102	0.125	0.25	0.375	240.0	70.54	45.72	244.4	36.07	11.43	244.4	0.625	0.25	g75b	c20v
22	0.0	0.25	0.5	240.0	70.55	45.72	244.4	40.48	22.86	244.4	0.5	0.5	g75b	c20v	103	0.125	0.25	0.5	250.9	67.16	47.95	254.3	42.32	17.98	254.3	0.5	0.375	g83b	c25v
23	0.0	0.25	0.625	246.6	68.51	47.04	250.4	46.72	29.4	250.4	0.375	0.625	g80b	c23v	104	0.125	0.25	0.625	256.1	65.16	50.72	259.1	48.41	25.36	259.1	0.375	0.5	g88b	c29v
24	0.0	0.25	0.75	250.9	67.17	47.94	254.3	52.98	35.96	254.3	0.25	0.75	g83b	c25v	105	0.125	0.25	0.75	259.1	64.01	52.32	261.8	54.53	32.7	261.8	0.25	0.625	g90b	c31v
25	0.0	0.25	0.875	253.9	66.01	49.54	257.0	59.06	43.35	257.0	0.125	0.875	g86b	c27v	106	0.125	0.25	0.875	261.1	63.26	53.35	263.6	60.67	40.01	263.6	0.125	0.75	g92b	c32v
26																													

See original or copy: <http://web.me.com/klau.s.richter/KE61/KE61L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n _{rgb} rgb -> rgb*																h _{rgb}																[L*, C* _{ab} , h _{ab}]Ma,e																[L*, C* _{ab} , h _{ab}]Fa,e																n _{Fa} c _{Fa} u _{Fa} d _{Fa}															
C* _{ab} h _{ab} Ma,e																C* _{ab} h _{ab} Fa,e																n _{Fa} c _{Fa} u _{Fa} d _{Fa}																n _{Fa} c _{Fa} u _{Fa} d _{Fa}																															
162	0.25	0.0	0.0	30.0	51.6	84.51	25.5	20.71	21.13	25.5	0.75	0.25	b99r	m80o	243	0.375	0.0	0.0	30.0	51.6	84.51	25.5	25.86	31.69	25.5	0.625	0.375	b99r	m80o	243	0.375	0.0	0.0	30.0	51.6	84.51	25.5	25.86	31.69	25.5	0.625	0.375	b99r	m80o																																			
163	0.25	0.0	0.125	0.0	52.82	80.8	357.0	21.02	20.2	357.0	0.75	0.25	b75r	m47o	244	0.375	0.0	0.125	10.9	52.25	79.17	7.4	26.1	29.69	7.4	0.625	0.375	b83r	m61o	244	0.375	0.0	0.125	10.9	52.25	79.17	7.4	26.1	29.69	7.4	0.625	0.375	b83r	m61o																																			
164	0.25	0.0	0.25	330.0	57.03	108.31	328.6	22.07	27.08	328.6	0.75	0.25	b50r	m02o	245	0.375	0.0	0.25	349.1	53.66	86.06	346.7	26.63	32.27	346.7	0.625	0.375	b66r	m31o	245	0.375	0.0	0.25	349.1	53.66	86.06	346.7	26.63	32.27	346.7	0.625	0.375	b66r	m31o																																			
165	0.25	0.0	0.375	310.9	39.86	119.87	310.5	21.46	44.95	310.5	0.625	0.375	b33r	v46m	246	0.375	0.0	0.375	330.0	57.03	108.31	328.6	27.9	40.62	328.6	0.625	0.375	b50r	m02o	246	0.375	0.0	0.375	330.0	57.03	108.31	328.6	27.9	40.62	328.6	0.625	0.375	b50r	m02o																																			
166	0.25	0.0	0.5	300.0	38.26	109.37	300.2	24.34	54.68	300.2	0.5	0.5	b25r	c81v	247	0.375	0.0	0.5	316.1	45.74	115.71	315.4	28.08	57.85	315.4	0.5	0.5	b38r	v68m	247	0.375	0.0	0.5	316.1	45.74	115.71	315.4	28.08	57.85	315.4	0.5	0.5	b38r	v68m																																			
167	0.25	0.0	0.625	293.4	44.6	91.75	293.9	31.78	57.35	293.9	0.375	0.625	b19r	c68v	248	0.375	0.0	0.625	306.6	34.22	125.42	306.4	25.3	78.39	306.4	0.375	0.625	b30r	c19v	248	0.375	0.0	0.625	306.6	34.22	125.42	306.4	25.3	78.39	306.4	0.375	0.625	b30r	c19v																																			
168	0.25	0.0	0.75	289.1	48.18	82.52	289.9	38.74	61.89	289.9	0.25	0.75	b16r	c61v	249	0.375	0.0	0.75	300.0	38.26	109.36	300.2	31.3	82.02	300.2	0.25	0.75	b25r	c81v	249	0.375	0.0	0.75	300.0	38.26	109.36	300.2	31.3	82.02	300.2	0.25	0.75	b25r	c81v																																			
169	0.25	0.0	0.875	286.1	50.28	77.77	287.0	45.3	68.05	287.0	0.125	0.875	b13r	c57v	250	0.375	0.0	0.875	295.3	42.98	96.06	295.7	38.91	84.06	295.7	0.125	0.875	b21r	c71v	250	0.375	0.0	0.875	295.3	42.98	96.06	295.7	38.91	84.06	295.7	0.125	0.875	b21r	c71v																																			
170	0.25	0.0	1.0	283.9	51.82	74.29	284.9	51.82	74.29	284.9	0.0	1.0	b11r	c54v	251	0.375	0.0	1.0	291.8	46.02	87.99	292.4	46.02	87.99	292.4	0.0	1.0	b18r	c65v	251	0.375	0.0	1.0	291.8	46.02	87.99	292.4	46.02	87.99	292.4	0.0	1.0	b18r	c65v																																			
171	0.25	0.125	0.0	60.0	61.89	86.34	58.9	23.28	21.59	58.9	0.75	0.25	r49j	o41y	252	0.375	0.125	0.0	49.1	54.79	93.02	46.7	27.05	34.88	46.7	0.625	0.375	r32j	o20y	252	0.375	0.125	0.0	49.1	54.79	93.02	46.7	27.05	34.88	46.7	0.625	0.375	r32j	o20y																																			
172	0.25	0.125	0.125	30.0	51.6	84.5	25.5	26.19	10.56	25.5	0.75	0.125	b99r	m80o	253	0.375	0.125	0.125	30.0	51.6	84.51	25.5	31.34	21.13	25.5	0.625	0.25	b99r	m80o	253	0.375	0.125	0.125	30.0	51.6	84.51	25.5	31.34	21.13	25.5	0.625	0.25	b99r	m80o																																			
173	0.25	0.125	0.25	330.0	57.03	108.29	328.6	26.87	13.54	328.6	0.75	0.125	b50r	m02o	254	0.375	0.125	0.25	0.0	52.82	80.8	357.0	31.64	20.2	357.0	0.625	0.25	b75r	m47o	254	0.375	0.125	0.25	0.0	52.82	80.8	357.0	31.64	20.2	357.0	0.625	0.25	b75r	m47o																																			
174	0.25	0.125	0.375	300.0	38.26	109.41	300.2	28.0	27.35	300.2	0.625	0.25	b25r	c81v	255	0.375	0.125	0.375	330.0	57.03	108.31	328.6	32.69	27.08	328.6	0.625	0.25	b50r	m02o	255	0.375	0.125	0.375	330.0	57.03	108.31	328.6	32.69	27.08	328.6	0.625	0.25	b50r	m02o																																			
175	0.25	0.125	0.5	289.1	48.18	82.53	289.9	35.2	30.95	289.9	0.5	0.375	b16r	c61v	256	0.375	0.125	0.5	310.9	39.86	119.87	310.5	32.08	44.95	310.5	0.5	0.375	b33r	v46m	256	0.375	0.125	0.5	310.9	39.86	119.87	310.5	32.08	44.95	310.5	0.5	0.375	b33r	v46m																																			
176	0.25	0.125	0.625	283.9	51.82	74.3	284.9	41.74	37.15	284.9	0.375	0.5	b11r	c54v	257	0.375	0.125	0.625	300.0	38.26	109.37	300.2	34.96	54.68																																																							

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n_{rgb} $rgb \rightarrow rgb^*$				h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$				$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$				n^*_Fa	c^*_Fa	u^*_Fa	d^*_Fa	n_{rgb} $rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$				$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$				n^*_Fa	c^*_Fa	u^*_Fa	d^*_Fa
324	0.5	0.0	0.0	30.0	51.6	84.51	25.5	31.01	42.26	25.5	0.5	0.5	b99r	m80o	405	0.625	0.0	0.0	30.0	51.6	84.51	25.5	36.16	52.82	25.5	0.375	0.625	b99r	m80o	
325	0.5	0.0	0.125	16.1	52.04	79.69	12.3	31.23	39.85	12.3	0.5	0.5	b88r	m66o	406	0.625	0.0	0.125	19.1	51.93	80.23	15.1	36.36	50.15	15.1	0.375	0.625	b90r	m70o	
326	0.5	0.0	0.25	0.0	52.82	80.8	357.0	31.62	40.4	357.0	0.5	0.5	b75r	m47o	407	0.625	0.0	0.25	6.6	52.46	79.59	3.3	36.69	49.74	3.3	0.375	0.625	b80r	m56o	
327	0.5	0.0	0.375	343.9	54.22	89.99	341.8	32.32	45.0	341.8	0.5	0.5	b61r	m22o	408	0.625	0.0	0.375	353.4	53.28	83.35	350.8	37.2	52.09	350.8	0.375	0.625	b69r	m38o	
328	0.5	0.0	0.5	330.0	57.03	108.32	328.6	33.72	54.16	328.6	0.5	0.5	b50r	m02o	409	0.625	0.0	0.5	340.9	54.63	92.89	338.9	38.05	58.06	338.9	0.375	0.625	b59r	m16o	
329	0.5	0.0	0.625	319.1	48.89	113.89	318.3	34.46	71.18	318.3	0.375	0.625	b40r	v78m	410	0.625	0.0	0.625	330.0	57.03	108.32	328.6	39.55	67.7	328.6	0.375	0.625	b50r	m02o	
330	0.5	0.0	0.75	310.9	39.85	119.88	310.5	32.49	89.91	310.5	0.25	0.75	b33r	v46m	411	0.625	0.0	0.75	321.1	50.86	113.06	320.1	40.75	84.79	320.1	0.25	0.75	b42r	v84m	
331	0.5	0.0	0.875	304.7	32.72	126.0	304.6	29.94	110.25	304.6	0.125	0.875	b28r	c98v	412	0.625	0.0	0.875	313.9	43.35	117.31	313.4	39.23	102.65	313.4	0.125	0.875	b36r	v60m	
332	0.5	0.0	1.0	300.0	38.27	109.35	300.2	38.27	109.35	300.2	0.0	1.0	b25r	c81v	413	0.625	0.0	1.0	308.2	36.42	123.15	308.0	36.42	123.15	308.0	0.0	1.0	b31r	v31m	
333	0.5	0.125	0.0	43.9	51.26	97.86	40.9	30.84	48.93	40.9	0.5	0.5	r23j	m100o	414	0.625	0.125	0.0	40.9	51.32	94.06	37.6	35.98	58.79	37.6	0.375	0.625	r18j	m94o	
334	0.5	0.125	0.125	30.0	51.6	84.51	25.5	36.48	31.69	25.5	0.5	0.375	b99r	m80o	415	0.625	0.125	0.125	30.0	51.6	84.51	25.5	41.63	42.26	25.5	0.375	0.5	b99r	m80o	
335	0.5	0.125	0.25	10.9	52.25	79.17	7.4	36.73	29.69	7.4	0.5	0.375	b83r	m61o	416	0.625	0.125	0.25	16.1	52.04	79.69	12.3	41.85	39.85	12.3	0.375	0.5	b88r	m66o	
336	0.5	0.125	0.375	349.1	53.66	86.06	346.7	37.26	32.27	346.7	0.5	0.375	b66r	m31o	417	0.625	0.125	0.375	0.0	52.04	79.69	12.3	41.85	39.85	12.3	0.375	0.5	m47o	m56o	
337	0.5	0.125	0.5	330.0	57.03	108.31	328.6	38.52	40.62	328.6	0.5	0.375	b50r	m02o	418	0.625	0.125	0.5	343.9	54.22	89.99	341.8	42.94	45.0	341.8	0.375	0.5	b61r	m22o	
338	0.5	0.125	0.625	316.1	45.74	115.71	315.4	38.7	57.85	315.4	0.375	0.5	b38r	v68m	419	0.625	0.125	0.625	330.0	57.03	108.32	328.6	44.35	54.16	328.6	0.375	0.5	b50r	m02o	
339	0.5	0.125	0.75	306.6	38.27	125.42	306.4	35.92	78.39	306.4	0.25	0.625	b30r	v19m	420	0.625	0.125	0.75	319.1	48.89	113.89	318.3	45.08	71.18	318.3	0.25	0.625	b40r	v78m	
340	0.5	0.125	0.875	300.0	38.26	109.36	300.2	41.93	82.02	300.2	0.125	0.75	b25r	c81v	421	0.625	0.125	0.875	310.9	39.85	119.88	310.5	43.12	89.91	310.5	0.125	0.75	b33r	v46m	
341	0.5	0.125	1.0	295.3	42.98	96.06	295.7	49.53	84.06	295.7	0.0	0.875	b21r	c71v	422	0.625	0.125	1.0	304.7	32.72	126.0	304.6	40.56	110.25	304.6	0.0	0.875	b28r	c98v	
342	0.5	0.25	0.0	60.0	61.9	86.34	58.9	36.16	43.17	58.9	0.5	0.5	r49j	o41y	423	0.625	0.25	0.0	53.4	57.67	89.65	51.5	39.95	56.03	51.5	0.375	0.625	r39j	o29y	
343	0.5	0.25	0.125	49.1	54.79	93.02	46.7	37.68	34.88	46.7	0.5	0.375	r32j	o20v	424	0.625	0.25	0.125	43.9	51.26	97.86	40.9	41.46	48.93	40.9	0.375	0.5	r23j	m100o	
344	0.5	0.25	0.25	30.0	51.6	84.51	25.5	41.96	21.13	25.5	0.5	0.25	b99r	m80o	425	0.625	0.25	0.25	30.0	51.6	84.51	25.5	47.11	31.69	25.5	0.375	0.375	b99r	m80o	
345	0.5	0.25	0.375	0.0	52.82	80.8	357.0	42.26	20.2	357.0	0.5	0.25	b75r	m47o	426	0.625	0.25	0.375	10.9	52.25	79.17	7.4	47.35	2						

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TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n _{rgb} rgb -> rgb*				h _{rgb}				[L*, C* _{ab} , h _{ab}]M _{a,e}				[L*, C* _{ab} , h _{ab}]F _{a,e}				n _{Fa} c _{Fa} u _{Fa} d _{Fa}				n _{rgb} rgb -> rgb*				h _{rgb}				[L*, C* _{ab} , h _{ab}]M _{a,e}				[L*, C* _{ab} , h _{ab}]F _{a,e}				n _{Fa} c _{Fa} u _{Fa} d _{Fa}								
486	0.75	0.0	0.0	30.0	51.6	84.51	25.5	41.31	63.38	25.5	0.25	0.75	b99r	m80o	567	0.875	0.0	0.0	30.0	51.6	84.51	25.5	46.46	73.95	25.5	0.125	0.875	b99r	m80o	576	0.875	0.125	0.0	37.6	51.38	89.88	33.9	46.26	78.64	33.9	0.125	0.875	r13j	m88o
487	0.75	0.0	0.125	21.0	51.86	80.58	17.0	41.5	60.44	17.0	0.25	0.75	b92r	m72o	568	0.875	0.0	0.125	22.4	51.81	80.83	18.3	46.64	70.73	18.3	0.125	0.875	b93r	m73o	569	0.875	0.0	0.25	13.9	52.12	79.29	10.2	46.91	69.38	10.2	0.125	0.875	b86r	m64o
488	0.75	0.0	0.25	10.9	52.25	79.17	7.4	41.79	59.37	7.4	0.25	0.75	b83r	m61o	569	0.875	0.0	0.25	13.9	52.12	79.29	10.2	46.91	69.38	10.2	0.125	0.875	b86r	m64o	570	0.875	0.0	0.375	4.7	52.55	79.77	1.5	47.28	69.8	1.5	0.125	0.875	b78r	m53o
489	0.75	0.0	0.375	0.0	52.82	80.8	357.0	42.22	60.6	357.0	0.25	0.75	b75r	m47o	570	0.875	0.0	0.375	4.7	52.55	79.77	1.5	47.28	69.8	1.5	0.125	0.875	b78r	m53o	571	0.875	0.0	0.5	355.3	53.15	82.62	352.6	47.8	72.29	352.6	0.125	0.875	b71r	m40o
490	0.75	0.0	0.5	349.1	53.66	86.06	346.7	42.85	64.54	346.7	0.25	0.75	b66r	m31o	571	0.875	0.0	0.5	355.3	53.15	82.62	352.6	47.8	72.29	352.6	0.125	0.875	b71r	m40o	572	0.875	0.0	0.625	346.1	53.93	87.97	343.9	48.49	76.97	343.9	0.125	0.875	b63r	m26o
491	0.75	0.0	0.625	339.0	54.89	94.77	337.1	43.77	71.08	337.1	0.25	0.75	b57r	m13o	572	0.875	0.0	0.625	346.1	53.93	87.97	343.9	48.49	76.97	343.9	0.125	0.875	b63r	m26o	573	0.875	0.0	0.75	337.6	55.19	96.7	335.8	49.6	84.61	335.8	0.125	0.875	b56r	m11o
492	0.75	0.0	0.75	330.0	57.03	108.32	328.6	45.38	81.24	328.6	0.25	0.75	b50r	m02o	573	0.875	0.0	0.75	337.6	55.19	96.7	335.8	49.6	84.61	335.8	0.125	0.875	b56r	m11o	574	0.875	0.0	0.875	330.0	57.03	108.32	328.6	51.2	94.78	328.6	0.125	0.875	b50r	m02o
493	0.75	0.0	0.875	322.4	52.22	112.55	321.4	46.99	98.48	321.4	0.125	0.875	b43r	v88m	574	0.875	0.0	0.875	330.0	57.03	108.32	328.6	51.2	94.78	328.6	0.125	0.875	b50r	m02o	575	0.875	0.0	1.0	323.4	53.16	112.34	322.4	53.16	112.34	322.4	0.0	1.0	b44r	v90m
494	0.75	0.0	1.0	316.1	45.74	115.71	315.4	45.74	115.71	315.4	0.0	1.0	b38r	v68m	575	0.875	0.0	1.0	323.4	53.16	112.34	322.4	53.16	112.34	322.4	0.0	1.0	b44r	v90m	576	0.875	0.125	0.0	37.6	51.38	89.88	33.9	46.26	78.64	33.9	0.125	0.875	r13j	m88o
495	0.75	0.125	0.0	38.9	51.36	91.6	35.4	41.12	68.7	35.4	0.25	0.75	r15j	m91o	576	0.875	0.125	0.0	37.6	51.38	89.88	33.9	46.26	78.64	33.9	0.125	0.875	r13j	m88o	577	0.875	0.125	0.125	30.0	51.6	84.51	25.5	51.93	63.38	25.5	0.125	0.75	b99r	m80o
496	0.75	0.125	0.125	30.0	51.6	84.51	25.5	46.78	52.82	25.5	0.25	0.625	b99r	m80o	577	0.875	0.125	0.125	30.0	51.6	84.51	25.5	51.93	63.38	25.5	0.125	0.75	b99r	m80o	578	0.875	0.125	0.25	21.0	51.86	80.58	17.0	52.13	60.44	17.0	0.125	0.75	b92r	m72o
497	0.75	0.125	0.25	19.1	51.93	80.23	15.1	46.99	50.15	15.1	0.25	0.625	b90r	m70o	578	0.875	0.125	0.25	21.0	51.86	80.58	17.0	52.13	60.44	17.0	0.125	0.75	b92r	m72o	579	0.875	0.125	0.375	10.9	52.25	79.17	7.4	52.41	59.37	7.4	0.125	0.75	b83r	m61o
498	0.75	0.125	0.375	6.6	52.46	79.59	3.3	47.32	49.74	3.3	0.25	0.625	b80r	m56o	579	0.875	0.125	0.375	10.9	52.25	79.17	7.4	52.41	59.37	7.4	0.125	0.75	b83r	m61o	580	0.875	0.125	0.5	353.4	53.28	83.35	350.8	47.83	52.09	350.8	0.125	0.75	b69r	m38o
499	0.75	0.125	0.5	353.4	53.28	83.35	350.8	47.83	52.09	350.8	0.25	0.625	b69r	m38o	580	0.875	0.125	0.5	353.4	53.28	83.35	350.8	47.83	52.09	350.8	0.125	0.75	b69r	m38o	581	0.875	0.125	0.625	349.1	53.66	86.06	346.7	53.47	64.54	346.7	0.125	0.75	b66r	m31o
500	0.75	0.125	0.625	340.9	54.63	92.83	338.9	48.67	58.06	338.9	0.25	0.625	b59r	m16o	581	0.875	0.125	0.625	349.1	53.66	86.06	346.7																						

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n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c_{Fa}	u_{Fa}	d_{Fa}
648	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
649	1.0 0.0 0.125	23.4	51.78 81.01 19.2	51.78 81.01 19.2	0.0	1.0	b94r	m74o
650	1.0 0.0 0.25	16.1	52.04 79.69 12.3	52.04 79.69 12.3	0.0	1.0	b88r	m66o
651	1.0 0.0 0.375	8.2	52.38 79.43 4.8	52.38 79.43 4.8	0.0	1.0	b81r	m57o
652	1.0 0.0 0.5	0.0	52.82 80.8 357.0	52.82 80.8 357.0	0.0	1.0	b75r	m47o
653	1.0 0.0 0.625	351.8	53.42 84.35 349.3	53.42 84.35 349.3	0.0	1.0	b68r	m35o
654	1.0 0.0 0.75	343.9	54.22 89.99 341.8	54.22 89.99 341.8	0.0	1.0	b61r	m22o
655	1.0 0.0 0.875	336.6	55.44 98.24 334.9	55.44 98.24 334.9	0.0	1.0	b55r	m10o
656	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
657	1.0 0.125 0.0	36.6	51.41 88.99 32.8	51.41 88.99 32.8	0.0	1.0	r11j	m87o
658	1.0 0.125 0.125	30.0	51.6 84.51 25.5	57.08 73.95 25.5	0.0	0.875	b99r	m80o
659	1.0 0.125 0.25	22.4	51.81 80.83 18.3	57.26 70.73 18.3	0.0	0.875	b93r	m73o
660	1.0 0.125 0.375	13.9	52.12 79.29 10.2	57.53 69.38 10.2	0.0	0.875	b86r	m64o
661	1.0 0.125 0.5	4.7	52.55 79.77 1.5	57.91 69.8 1.5	0.0	0.875	b78r	m53o
662	1.0 0.125 0.625	355.3	53.15 82.62 352.6	58.43 72.29 352.6	0.0	0.875	b71r	m40o
663	1.0 0.125 0.75	346.1	53.93 87.97 343.9	59.12 76.97 343.9	0.0	0.875	b63r	m26o
664	1.0 0.125 0.875	337.6	55.19 96.7 335.8	60.22 84.61 335.8	0.0	0.875	b56r	m11o
665	1.0 0.125 1.0	330.0	57.03 108.32 328.6	61.83 94.78 328.6	0.0	0.875	b50r	m02o
666	1.0 0.25 0.0	43.9	51.26 97.86 41.0	51.26 97.86 41.0	0.0	1.0	r23j	m100o
667	1.0 0.25 0.125	37.6	51.38 99.88 33.9	56.89 78.64 33.9	0.0	0.875	r13j	m88o
668	1.0 0.25 0.25	30.0	51.6 84.51 25.5	62.38 63.38 25.5	0.0	0.75	b99r	m80o
669	1.0 0.25 0.375	21.0	51.86 80.58 17.0	62.75 60.44 17.0	0.0	0.75	b92r	m72o
670	1.0 0.25 0.5	10.9	52.25 79.17 7.4	63.04 59.37 7.4	0.0	0.75	b83r	m61o
671	1.0 0.25 0.625	0.0	52.82 80.8 357.0	63.47 60.6 357.0	0.0	0.75	b75r	m47o
672	1.0 0.25 0.75	349.1	53.66 86.06 346.7	64.1 64.54 346.7	0.0	0.75	b66r	m31o
673	1.0 0.25 0.875	339.0	54.89 94.77 337.1	65.02 71.08 337.1	0.0	0.75	b57r	m13o
674	1.0 0.25 1.0	330.0	57.03 108.32 328.6	66.63 81.24 328.6	0.0	0.75	b50r	m02o
675	1.0 0.375 0.0	51.8	56.62 90.63 49.7	56.62 90.63 49.7	0.0	1.0	r36j	o26y
676	1.0 0.375 0.125	46.1	52.73 95.81 43.4	58.07 83.84 43.4	0.0	0.875	r27j	o13y
677	1.0 0.375 0.25	38.9	51.36 91.6 35.4	62.37 68.7 35.4	0.0	0.75	r15j	m91o
678	1.0 0.375 0.375	30.0	51.6 84.51 25.5	68.03 52.82 25.5	0.0	0.625	b99r	m80o
679	1.0 0.375 0.5	19.1	51.93 80.23 15.1	68.24 50.15 15.1	0.0	0.625	b90r	m70o
680	1.0 0.375 0.625	6.6	52.46 79.59 3.3	68.56 49.74 3.3	0.0	0.625	b80r	m56o
681	1.0 0.375 0.75	353.4	53.28 83.35 350.8	69.08 52.09 350.8	0.0	0.625	b69r	m38o
682	1.0 0.375 0.875	340.9	54.63 92.89 338.9	69.92 58.06 338.9	0.0	0.625	b59r	m16o
683	1.0 0.375 1.0	330.0	57.03 108.32 328.6	71.42 67.7 328.6	0.0	0.625	b50r	m02o
684	1.0 0.5 0.0	60.0	61.9 86.34 58.9	61.9 86.34 58.9	0.0	1.0	r49j	o41y
685	1.0 0.5 0.125	55.3	58.88 88.52 53.6	63.45 77.46 53.6	0.0	0.875	r42j	o32y
686	1.0 0.5 0.25	49.1	54.79 93.01 46.8	64.95 69.76 46.8	0.0	0.75	r32j	o20y
687	1.0 0.5 0.375	40.9	51.32 94.06 37.6	67.85 58.79 37.6	0.0	0.625	r18j	m94o
688	1.0 0.5 0.5	30.0	51.6 84.51 25.5	73.51 42.26 25.5	0.0	0.5	b99r	m80o
689	1.0 0.5 0.625	16.1	52.04 79.69 12.3	73.72 39.85 12.3	0.0	0.5	b88r	m66o
690	1.0 0.5 0.75	0.0	52.82 80.8 357.0	74.11 40.4 357.0	0.0	0.5	b75r	m47o
691	1.0 0.5 0.875	343.9	54.22 89.99 341.8	74.81 45.0 341.8	0.0	0.5	b61r	m22o
692	1.0 0.5 1.0	330.0	57.03 108.32 328.6	76.22 54.16 328.6	0.0	0.5	b50r	m02o
693	1.0 0.625 0.0	68.2	67.13 84.78 68.0	67.13 84.78 68.0	0.0	1.0	r63j	o55y
694	1.0 0.625 0.125	64.7	64.88 84.99 64.1	68.7 74.37 64.1	0.0	0.875	r57j	o49y
695	1.0 0.625 0.25	60.0	61.9 86.34 58.9	70.28 64.75 58.9	0.0	0.75	r49j	o41y
696	1.0 0.625 0.375	53.4	57.67 89.65 51.5	71.82 56.03 51.5	0.0	0.625	r39j	o29y
697	1.0 0.625 0.5	43.9	51.26 97.86 40.9	73.33 48.93 40.9	0.0	0.5	r23j	m100o
698	1.0 0.625 0.625	30.0	51.6 84.51 25.5	78.98 31.69 25.5	0.0	0.375	b99r	m80o
699	1.0 0.625 0.75	10.9	52.25 79.17 7.4	79.22 29.69 7.4	0.0	0.375	b83r	m61o
700	1.0 0.625 0.875	349.1	53.66 86.06 346.7	79.75 32.27 346.7	0.0	0.375	b66r	m31o
701	1.0 0.625 1.0	330.0	57.03 108.32 328.6	81.02 40.62 328.6	0.0	0.375	b50r	m02o
702	1.0 0.75 0.0	76.1	72.4 85.76 76.8	72.4 85.76 76.8	0.0	1.0	r76j	o67y
703	1.0 0.75 0.125	73.9	70.85 85.03 74.4	73.92 74.4 74.4	0.0	0.875	r72j	o64y
704	1.0 0.75 0.25	70.9	68.86 84.76 71.0	75.5 63.57 71.0	0.0	0.75	r67j	o59y
705	1.0 0.75 0.375	66.6	66.08 84.79 66.2	77.08 52.99 66.2	0.0	0.625	r60j	o52y
706	1.0 0.75 0.5	60.0	61.9 86.34 58.9	78.65 43.17 58.9	0.0	0.5	r49j	o41y
707	1.0 0.75 0.625	49.1	53.02 84.7 46.7	80.18 34.88 46.7	0.0	0.375	r32j	o20y
708	1.0 0.75 0.75	30.0	51.6 84.51 25.5	84.46 21.13 25.5	0.0	0.25	b99r	m80o
709	1.0 0.75 0.875	0.0	52.82 80.8 357.0	84.76 20.2 357.0	0.0	0.25	b75r	m47o
710	1.0 0.75 1.0	330.0	57.03 108.32 328.6	85.81 27.08 328.6	0.0	0.25	b50r	m02o
711	1.0 0.875 0.0	83.4	77.84 89.13 85.0	77.84 89.13 85.0	0.0	1.0	r88j	o79y
712	1.0 0.875 0.125	82.4	77.0 89.38 83.9	79.3 77.33 83.9	0.0	0.875	r86j	o77y
713	1.0 0.875 0.25	81.0	75.86 87.38 82.3	80.75 65.53 82.3	0.0	0.75	r84j	o75y
714	1.0 0.875 0.375	79.1	74.5 86.74 80.2	82.34 54.21 80.2	0.0	0.625	r81j	o72y
715	1.0 0.875 0.5	76.1	72.39 85.75 76.8	83.9 42.88 76.8	0.0	0.5	r76j	o67y
716	1.0 0.875 0.625	70.9	68.86 84.76 71.0	85.45 31.78 71.0	0.0	0.375	r67j	o59y
717	1.0 0.875 0.75	60.0	61.89 86.34 58.9	87.03 21.59 58.9	0.0	0.25	r49j	o41y
718	1.0 0.875 0.875	30.0	51.6 84.5 25.5	89.93 10.56 25.5	0.0	0.125	b99r	m80o
719	1.0 0.875 1.0	330.0	57.03 108.29 328.6	90.61 13.54 328.6	0.0	0.125	b50r	m02o
720	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
721	1.0 1.0 0.125	90.0	83.58 94.56 92.3	85.06 82.74 92.3	0.0	0.875	r99j	o89y
722	1.0 1.0 0.25	90.0	83.58 94.56 92.3	86.54 70.92 92.3	0.0	0.75	r99j	o89y
723	1.0 1.0 0.375	90.0	83.58 94.56 92.3	88.01 59.1 92.3	0.0	0.625	r99j	o89y
724	1.0 1.0 0.5	90.0	83.57 94.56 92.3	89.49 47.28 92.3	0.0	0.5	r99j	o89y
725	1.0 1.0 0.625	90.0	83.57 94.55 92.3	90.97 35.46 92.3	0.0	0.375	r99j	o89y
726	1.0 1.0 0.75	90.0	83.56 94.54 92.3	92.45 23.63 92.3	0.0	0.25	r99j	o88y
727	1.0 1.0 0.875	90.0	83.54 94.51 92.3	93.92 11.81 92.3	0.0	0.125	r99j	o88y
728	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

KE610-7N, 11, table $rgb \rightarrow rgb^*3$ - LCH*a of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb^*3 ; display reflection $L_r=1,2\%$; Page 15/40

TUB-test chart KE61; 729 rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

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n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}											
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	81	0.125	0.0	0.0	30.0	52.69	81.29	25.5	22.03	10.16	25.5	0.875	0.125	b99r	m81o
1	0.0	0.0	0.125	60.43	57.35	271.8	23.0	7.17	271.8	0.875	0.125	b00r	c39v	82	0.125	0.0	0.125	330.0	57.89	105.25	328.6	22.68	13.16	328.6	0.875	0.125	b50r	m02o
2	0.0	0.0	0.25	60.44	57.33	271.8	28.35	14.33	271.8	0.75	0.25	b00r	c39v	83	0.125	0.0	0.25	300.0	39.39	107.08	300.2	23.09	26.77	300.2	0.75	0.25	b25r	c83v
3	0.0	0.0	0.375	60.45	57.32	271.8	33.7	21.5	271.8	0.625	0.375	b00r	c39v	84	0.125	0.0	0.375	289.1	49.2	80.62	289.9	29.48	30.23	289.9	0.625	0.375	b16r	c62v
4	0.0	0.0	0.5	60.45	57.32	271.7	39.05	28.66	271.7	0.5	0.5	b00r	c39v	85	0.125	0.0	0.5	283.9	52.75	72.66	284.9	35.2	36.33	284.9	0.5	0.5	b11r	c55v
5	0.0	0.0	0.625	60.45	57.32	271.7	44.4	35.82	271.7	0.375	0.625	b00r	c39v	86	0.125	0.0	0.625	280.9	54.8	68.07	282.1	40.87	42.54	282.1	0.375	0.625	b09r	c50v
6	0.0	0.0	0.75	60.45	57.31	271.7	49.75	42.99	271.7	0.25	0.75	b00r	c39v	87	0.125	0.0	0.75	279.0	55.84	66.03	280.2	46.3	49.52	280.2	0.25	0.75	b07r	c48v
7	0.0	0.0	0.875	60.45	57.31	271.7	55.1	50.15	271.7	0.125	0.875	b00r	c39v	88	0.125	0.0	0.875	277.6	56.54	64.71	278.9	51.68	56.62	278.9	0.125	0.875	b06r	c47v
8	0.0	0.0	1.0	60.45	57.31	271.7	60.45	57.31	271.7	0.0	1.0	b00r	c39v	89	0.125	0.0	1.0	276.6	57.06	63.73								

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TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

V L O Y M C																V L O Y M C															
n_rgb rgb -> rgb*3 h_rgb [L*, C*_ab, h_ab] Ma,e [L*, C*_ab, h_ab] Fa,e n_Fa c_Fa u_Fa d_Fa																n_rgb rgb -> rgb*3 h_rgb [L*, C*_ab, h_ab] Ma,e [L*, C*_ab, h_ab] Fa,e n_Fa c_Fa u_Fa d_Fa															
162	0.25	0.0	0.0	30.0	52.69	81.3	25.5	26.41	20.32	25.5	0.75	0.25	b99r	m81o	243	0.375	0.0	0.0	30.0	52.69	81.3	25.5	30.79	30.49	25.5	0.625	0.375	b99r	m81o		
163	0.25	0.0	0.125	0.0	53.88	78.16	357.0	26.71	19.54	357.0	0.75	0.25	b75r	m47o	244	0.375	0.0	0.125	10.9	53.32	76.46	7.4	31.03	28.67	7.4	0.625	0.375	b83r	m61o		
164	0.25	0.0	0.25	330.0	57.89	105.26	328.6	27.71	26.32	328.6	0.75	0.25	b50r	m02o	245	0.375	0.0	0.25	349.1	54.69	83.35	346.7	31.54	31.26	346.7	0.625	0.375	b66r	m30o		
165	0.25	0.0	0.375	310.9	42.34	114.36	310.5	26.91	42.88	310.5	0.625	0.375	b33r	v49m	246	0.375	0.0	0.375	330.0	57.9	105.27	328.6	32.74	39.48	328.6	0.625	0.375	b50r	m02o		
166	0.25	0.0	0.5	300.0	39.4	107.05	300.2	28.53	53.52	300.2	0.5	0.5	b25r	c83v	247	0.375	0.0	0.5	316.1	47.54	111.38	315.4	32.59	55.69	315.4	0.5	0.5	b38r	v70m		
167	0.25	0.0	0.625	293.4	45.67	89.75	293.9	35.16	56.09	293.9	0.375	0.625	b19r	c69v	248	0.375	0.0	0.625	306.6	37.56	118.36	306.4	30.1	73.98	306.4	0.375	0.625	b30r	v26m		
168	0.25	0.0	0.75	289.1	49.21	80.61	289.9	41.32	60.46	289.9	0.25	0.75	b16r	c62v	249	0.375	0.0	0.75	300.0	39.41	107.04	300.2	33.97	80.28	300.2	0.25	0.75	b25r	c83v		
169	0.25	0.0	0.875	286.1	51.25	76.02	287.0	47.05	66.52	287.0	0.125	0.875	b13r	c58v	250	0.375	0.0	0.875	295.3	44.1	93.88	295.7	40.79	82.14	295.7	0.125	0.875	b21r	c72v		
170	0.25	0.0	1.0	283.9	52.76	72.65	284.9	52.76	72.65	284.9	0.0	1.0	b11r	c55v	251	0.375	0.0	1.0	291.8	47.04	86.14	292.4	47.04	86.14</							

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

n _{rgb} rgb -> rgb*3				h _{rgb}				[L*, C* _{ab} , h _{ab}]Ma,e				[L*, C* _{ab} , h _{ab}]Fa,e				n _{Fa}				c _{Fa}				u _{Fa}				d _{Fa}				n _{rgb} rgb -> rgb*3				h _{rgb}				[L*, C* _{ab} , h _{ab}]Ma,e				[L*, C* _{ab} , h _{ab}]Fa,e				n _{Fa}				c _{Fa}				u _{Fa}				d _{Fa}			
324	0.5	0.0	0.0	30.0	52.69	81.3	25.5	35.17	40.65	25.5	0.5	0.5	b99r	m81o	405	0.625	0.0	0.0	30.0	52.69	81.3	25.5	39.55	50.81	25.5	0.375	0.625	b99r	m81o	405	0.625	0.0	0.0	30.0	52.69	81.3	25.5	39.55	50.81	25.5	0.375	0.625	b99r	m81o																			
325	0.5	0.0	0.125	16.1	53.12	76.92	12.3	35.39	38.46	12.3	0.5	0.5	b88r	m67o	406	0.625	0.0	0.125	19.1	53.01	77.38	15.1	39.75	48.36	15.1	0.375	0.625	b90r	m70o	406	0.625	0.0	0.125	19.1	53.01	77.38	15.1	39.75	48.36	15.1	0.375	0.625	b90r	m70o																			
326	0.5	0.0	0.25	0.0	53.88	78.16	357.0	35.77	39.08	357.0	0.5	0.5	b75r	m47o	407	0.625	0.0	0.25	6.6	53.53	76.91	3.3	40.07	48.07	3.3	0.375	0.625	b80r	m56o	407	0.625	0.0	0.25	6.6	53.53	76.91	3.3	40.07	48.07	3.3	0.375	0.625	b80r	m56o																			
327	0.5	0.0	0.375	343.9	55.22	87.22	341.8	36.44	43.61	341.8	0.5	0.5	b61r	m22o	408	0.625	0.0	0.375	353.4	54.32	80.67	350.8	40.57	50.42	350.8	0.375	0.625	b69r	m38o	408	0.625	0.0	0.375	353.4	54.32	80.67	350.8	40.57	50.42	350.8	0.375	0.625	b69r	m38o																			
328	0.5	0.0	0.5	330.0	57.9	105.27	328.6	37.77	52.64	328.6	0.5	0.5	b50r	m02o	409	0.625	0.0	0.5	340.9	55.61	90.07	338.9	41.58	56.29	338.9	0.375	0.625	b59r	m16o	409	0.625	0.0	0.5	340.9	55.61	90.07	338.9	41.58	56.29	338.9	0.375	0.625	b59r	m16o																			
329	0.5	0.0	0.625	319.1	50.41	110.07	318.3	38.13	68.79	318.3	0.375	0.625	b43r	v79m	410	0.625	0.0	0.625	330.0	57.9	105.27	328.6	42.81	65.8	328.6	0.375</																																					

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TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma_e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa_e}$	n_{Fa}	c_{Fa}	u_{Fa}	d_{Fa}	n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma_e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa_e}$	n_{Fa}	c_{Fa}	u_{Fa}	d_{Fa}												
486	0.75	0.0	0.0	30.0	52.69	81.3	25.5	43.93	60.98	25.5	0.25	0.75	b99r	m81o	567	0.875	0.0	0.0	30.0	52.69	81.3	25.5	48.31	71.14	25.5	0.125	0.875	b99r	m81o
487	0.75	0.0	0.125	21.0	52.94	77.68	17.0	44.12	58.26	17.0	0.25	0.75	b92r	m72o	568	0.875	0.0	0.125	22.4	52.9	77.89	18.3	48.49	68.16	18.3	0.125	0.875	b93r	m74o
488	0.75	0.0	0.25	10.9	53.32	76.46	7.4	44.4	57.34	7.4	0.25	0.75	b83r	m61o	569	0.875	0.0	0.25	13.9	53.2	76.58	10.2	48.76	67.01	10.2	0.125	0.875	b86r	m64o
489	0.75	0.0	0.375	0.0	53.88	78.16	357.0	44.82	58.62	357.0	0.25	0.75	b75r	m47o	570	0.875	0.0	0.375	4.7	53.62	77.11	1.5	49.12	67.47	1.5	0.125	0.875	b78r	m53o
490	0.75	0.0	0.5	349.1	54.69	83.35	346.7	45.43	62.51	346.7	0.25	0.75	b66r	m30o	571	0.875	0.0	0.5	355.3	54.19	79.96	352.6	49.62	69.96	352.6	0.125	0.875	b71r	m40o
491	0.75	0.0	0.625	339.0	55.86	91.91	337.1	46.31	68.93	337.1	0.25	0.75	b57r	m13o	572	0.875	0.0	0.625	346.1	54.95	85.22	343.9	50.29	74.57	343.9	0.125	0.875	b63r	m25o
492	0.75	0.0	0.75	330.0	57.9	105.28	328.6	47.84	78.96	328.6	0.25	0.75	b50r	m02o	573	0.875	0.0	0.75	337.6	56.15	93.81	335.8	51.33	82.08	335.8	0.125	0.875	b56r	m11o
493	0.75	0.0	0.875	322.4	53.49	109.15	321.4	49.01	95.5	321.4	0.25	0.875	b43r	v89m	574	0.875	0.0	0.875	330.0	57.9	105.28	328.6	52.87	92.12	328.6	0.125	0.875	b50r	m02o
494	0.75	0.0	1.0	316.1	47.53	111.38	315.4	47.53	111.38	315.4	0.0	1.0	b38r	v70m	575	0.875	0.0	1.0	323.4	54.38	109.02	322.4	54.38	109.02	322.4	0.0	1.0	b44r	v91m
495	0.75	0.125	0.0	38.9	52.44	88.07	35.4	43.74	66.05	35.4	0.25	0.75	r15j	m95o	576	0.875	0.125	0.0	37.6	52.47	86.64	33.9	48.12	75.81	33.9	0.125	0.875	r13j	m92o
496	0.75	0.125	0.125	30.0	52.69	81.3	25.5	49.27	50.81	25.5	0.25	0.625	b99r	m81o	577	0.875	0.125	0.125	30.0										

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n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c_{Fa}	u_{Fa}	d_{Fa}
648	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
649	1.0 0.0 0.125	23.4	52.86 78.05 19.2	52.86 78.05 19.2	0.0	1.0	b94r	m75o
650	1.0 0.0 0.25	16.1	53.12 76.92 12.3	53.12 76.92 12.3	0.0	1.0	b88r	m67o
651	1.0 0.0 0.375	8.2	53.45 76.74 4.8	53.45 76.74 4.8	0.0	1.0	b81r	m58o
652	1.0 0.0 0.5	0.0	53.88 78.16 357.0	53.88 78.16 357.0	0.0	1.0	b75r	m47o
653	1.0 0.0 0.625	351.8	54.46 81.68 349.3	54.46 81.68 349.3	0.0	1.0	b68r	m35o
654	1.0 0.0 0.75	343.9	55.22 87.23 341.8	55.22 87.23 341.8	0.0	1.0	b61r	m22o
655	1.0 0.0 0.875	336.6	56.38 95.33 334.9	56.38 95.33 334.9	0.0	1.0	b55r	m10o
656	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
657	1.0 0.125 0.0	36.6	52.49 85.59 32.8	52.49 85.59 32.8	0.0	1.0	r11j	m89o
658	1.0 0.125 0.125	30.0	52.69 81.3 25.5	58.03 71.14 25.5	0.0	0.875	b99r	m81o
659	1.0 0.125 0.25	22.4	52.9 77.89 18.3	58.21 68.16 18.3	0.0	0.875	b93r	m74o
660	1.0 0.125 0.375	13.9	53.2 76.58 10.2	58.47 67.01 10.2	0.0	0.875	b86r	m64o
661	1.0 0.125 0.5	4.7	53.62 77.11 1.5	58.84 67.47 1.5	0.0	0.875	b78r	m53o
662	1.0 0.125 0.625	355.3	54.19 79.96 352.6	59.34 69.96 352.6	0.0	0.875	b71r	m40o
663	1.0 0.125 0.75	346.1	54.95 85.22 343.9	60.0 74.875 343.9	0.0	0.875	b63r	m25o
664	1.0 0.125 0.875	337.6	56.15 93.81 335.8	61.05 82.08 335.8	0.0	0.875	b56r	m11o
665	1.0 0.125 1.0	330.0	57.9 105.28 328.6	62.59 92.12 328.6	0.0	0.875	b50r	m02o
666	1.0 0.25 0.0	43.9	53.98 88.33 41.0	53.98 88.33 41.0	0.0	1.0	r23j	o13y
667	1.0 0.25 0.125	37.6	52.47 86.64 33.9	57.84 75.81 33.9	0.0	0.875	r13j	m92o
668	1.0 0.25 0.25	30.0	52.69 81.3 25.5	60.98 68.25 25.5	0.0	0.75	b99r	m81o
669	1.0 0.25 0.375	21.0	52.94 77.68 17.0	63.56 58.26 17.0	0.0	0.75	b92r	m72o
670	1.0 0.25 0.5	10.9	53.32 76.46 7.4	63.84 57.34 7.4	0.0	0.75	b83r	m61o
671	1.0 0.25 0.625	0.0	53.88 78.16 357.0	64.26 58.62 357.0	0.0	0.75	b75r	m47o
672	1.0 0.25 0.75	349.1	54.69 83.35 346.7	64.87 62.51 346.7	0.0	0.75	b66r	m30o
673	1.0 0.25 0.875	339.0	55.86 91.91 337.1	65.75 68.93 337.1	0.0	0.75	b57r	m13o
674	1.0 0.25 1.0	330.0	57.9 105.28 328.6	67.27 78.96 328.6	0.0	0.75	b50r	m02o
675	1.0 0.375 0.0	51.8	58.75 82.74 49.7	58.75 82.74 49.7	0.0	1.0	r36j	o29y
676	1.0 0.375 0.125	46.1	55.33 86.56 43.4	60.34 75.74 43.4	0.0	0.875	r27j	o18y
677	1.0 0.375 0.25	38.9	52.44 88.07 35.4	63.18 66.05 35.4	0.0	0.75	r15j	m95o
678	1.0 0.375 0.375	30.0	52.69 81.3 25.5	68.71 50.81 25.5	0.0	0.625	b99r	m81o
679	1.0 0.375 0.5	19.1	53.01 77.38 15.1	68.91 48.36 15.1	0.0	0.625	b90r	m70o
680	1.0 0.375 0.625	6.6	53.53 76.91 3.3	69.23 48.07 3.3	0.0	0.625	b80r	m56o
681	1.0 0.375 0.75	353.4	54.32 80.67 350.8	69.73 50.42 350.8	0.0	0.625	b69r	m38o
682	1.0 0.375 0.875	340.9	55.61 90.07 338.9	70.53 56.29 338.9	0.0	0.625	b59r	m16o
683	1.0 0.375 1.0	330.0	57.9 105.27 328.6	71.96 65.8 328.6	0.0	0.625	b50r	m02o
684	1.0 0.5 0.0	60.0	63.5 79.67 58.9	63.5 79.67 58.9	0.0	1.0	r49j	o43y
685	1.0 0.5 0.125	55.3	60.79 80.97 53.6	65.12 70.85 53.6	0.0	0.875	r42j	o36y
686	1.0 0.5 0.25	49.1	57.18 84.15 46.8	66.74 63.12 46.8	0.0	0.75	r32j	o25y
687	1.0 0.5 0.375	40.9	52.4 90.11 37.6	68.53 56.32 37.6	0.0	0.625	r18j	m99o
688	1.0 0.5 0.5	30.0	52.69 81.3 25.5	74.05 40.65 25.5	0.0	0.5	b99r	m81o
689	1.0 0.5 0.625	16.1	53.12 76.92 12.3	74.26 38.46 12.3	0.0	0.5	b88r	m67o
690	1.0 0.5 0.75	0.0	53.88 78.16 357.0	74.64 39.08 357.0	0.0	0.5	b75r	m47o
691	1.0 0.5 0.875	343.9	55.22 87.22 341.8	75.31 43.61 341.8	0.0	0.5	b61r	m22o
692	1.0 0.5 1.0	330.0	57.9 105.27 328.6	76.65 52.64 328.6	0.0	0.5	b50r	m02o
693	1.0 0.625 0.0	68.2	68.29 78.95 68.0	68.29 78.95 68.0	0.0	1.0	r63j	o56y
694	1.0 0.625 0.125	64.7	66.22 78.79 64.1	69.86 68.94 64.1	0.0	0.875	r57j	o51y
695	1.0 0.625 0.25	60.0	63.5 79.67 58.9	71.48 59.76 58.9	0.0	0.75	r49j	o43y
696	1.0 0.625 0.375	53.4	59.7 81.92 51.5	73.09 51.2 51.5	0.0	0.625	r39j	o32y
697	1.0 0.625 0.5	43.9	53.98 88.33 40.9	74.69 44.16 40.9	0.0	0.5	r23j	o13y
698	1.0 0.625 0.625	30.0	52.69 81.3 25.5	79.39 30.49 25.5	0.0	0.375	b99r	m81o
699	1.0 0.625 0.75	10.9	53.32 76.46 7.4	79.63 28.67 7.4	0.0	0.375	b83r	m61o
700	1.0 0.625 0.875	349.1	54.69 83.35 346.7	80.14 31.26 346.7	0.0	0.375	b66r	m30o
701	1.0 0.625 1.0	330.0	57.9 105.27 328.6	81.34 39.48 328.6	0.0	0.375	b50r	m02o
702	1.0 0.75 0.0	76.1	73.18 80.51 76.8	73.18 80.51 76.8	0.0	1.0	r76j	o68y
703	1.0 0.75 0.125	73.9	71.74 79.71 74.4	74.7 69.74 74.4	0.0	0.875	r72j	o65y
704	1.0 0.75 0.25	70.9	69.87 79.07 71.0	76.26 59.3 71.0	0.0	0.75	r67j	o60y
705	1.0 0.75 0.375	66.6	67.32 78.87 66.2	77.85 49.29 66.2	0.0	0.625	r60j	o54y
706	1.0 0.75 0.5	60.0	63.5 79.67 58.9	79.45 39.84 58.9	0.0	0.5	r49j	o43y
707	1.0 0.75 0.625	49.1	57.18 84.16 46.7	81.07 31.56 46.7	0.0	0.375	r32j	o25y
708	1.0 0.75 0.75	30.0	52.69 81.3 25.5	84.73 20.32 25.5	0.0	0.25	b99r	m81o
709	1.0 0.75 0.875	0.0	53.88 78.16 357.0	85.03 19.54 357.0	0.0	0.25	b75r	m47o
710	1.0 0.75 1.0	330.0	57.89 105.26 328.6	86.03 26.32 328.6	0.0	0.25	b50r	m02o
711	1.0 0.875 0.0	83.4	78.29 84.23 85.0	78.29 84.23 85.0	0.0	1.0	r88j	o79y
712	1.0 0.875 0.125	82.4	77.5 83.45 83.9	79.74 73.02 83.9	0.0	0.875	r86j	o77y
713	1.0 0.875 0.25	81.0	76.42 82.39 82.3	81.17 61.79 82.3	0.0	0.75	r84j	o75y
714	1.0 0.875 0.375	79.1	75.13 81.59 80.2	82.73 51.0 80.2	0.0	0.625	r81j	o72y
715	1.0 0.875 0.5	76.1	73.17 80.5 76.8	84.29 40.25 76.8	0.0	0.5	r76j	o68y
716	1.0 0.875 0.625	70.9	69.87 79.07 71.0	85.83 29.65 71.0	0.0	0.375	r67j	o60y
717	1.0 0.875 0.75	60.0	63.49 79.68 58.9	87.43 19.92 58.9	0.0	0.25	r49j	o43y
718	1.0 0.875 0.875	30.0	52.69 81.29 25.5	90.07 10.16 25.5	0.0	0.125	b99r	m81o
719	1.0 0.875 1.0	330.0	57.89 105.25 328.6	90.72 13.16 328.6	0.0	0.125	b50r	m02o
720	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
721	1.0 1.0 0.125	90.0	83.7 89.8 92.3	85.17 78.58 92.3	0.0	0.875	r99j	o88y
722	1.0 1.0 0.25	90.0	83.7 89.8 92.3	86.63 67.35 92.3	0.0	0.75	r99j	o88y
723	1.0 1.0 0.375	90.0	83.7 89.8 92.3	88.09 56.12 92.3	0.0	0.625	r99j	o88y
724	1.0 1.0 0.5	90.0	83.7 89.79 92.3	89.55 44.9 92.3	0.0	0.5	r99j	o88y
725	1.0 1.0 0.625	90.0	83.69 89.79 92.3	91.02 33.67 92.3	0.0	0.375	r99j	o88y
726	1.0 1.0 0.75	90.0	83.69 89.78 92.3	92.48 22.44 92.3	0.0	0.25	r99j	o88y
727	1.0 1.0 0.875	90.0	83.66 89.74 92.3	93.94 11.22 92.3	0.0	0.125	r99j	o88y
728	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

KE610-7N, 16, table $rgb \rightarrow rgb^*3$ - LCH*a of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb^*3 ; display reflection $L_r=2,5\%$; Page 20/40

TUB-test chart KE61; 729 rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klau.s.richter/KE61/KE61L0NP.PDF> /.PS
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application for measurement of printer or monitor systems

TUB material: code=rha4ta

n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}]Mae	[L*, C* _{ab} , h _{ab}]Fae	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}]Mae	[L*, C* _{ab} , h _{ab}]Fae	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}											
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	81	0.125	0.0	0.0	30.0	54.76	75.38	25.5	30.15	9.42	25.5	0.875	0.125	b99r	m83o
1	0.0	0.0	0.125	61.94	54.83	271.8	31.05	6.85	271.8	0.875	0.125	b00r	c39v	82	0.125	0.0	0.125	330.0	59.57	99.45	328.6	30.75	12.43	328.6	0.875	0.125	b50r	m03o
2	0.0	0.0	0.25	61.95	54.8	271.8	35.46	13.7	271.8	0.75	0.25	b00r	c39v	83	0.125	0.0	0.25	300.0	41.68	102.39	300.2	30.39	25.6	300.2	0.75	0.25	b25r	c86v
3	0.0	0.0	0.375	61.96	54.8	271.8	39.88	20.55	271.8	0.625	0.375	b00r	c39v	84	0.125	0.0	0.375	289.1	51.18	77.03	289.9	35.84	28.9	289.9	0.625	0.375	b16r	c63v
4	0.0	0.0	0.5	61.96	54.79	271.7	44.3	27.4	271.7	0.5	0.5	b00r	c39v	85	0.125	0.0	0.5	283.9	54.57	69.47	284.9	40.6	34.73	284.9	0.5	0.5	b11r	c55v
5	0.0	0.0	0.625	61.96	54.79	271.7	48.71	34.24	271.7	0.375	0.625	b00r	c39v	86	0.125	0.0	0.625	280.9	56.51	65.16	282.1	45.31	40.73	282.1	0.375	0.625	b09r	c51v
6	0.0	0.0	0.75	61.96	54.79	271.7	53.13	41.09	271.7	0.25	0.75	b00r	c39v	87	0.125	0.0	0.75	279.0	57.56	63.06	280.2	49.83	47.29	280.2	0.25	0.75	b07r	c49v
7	0.0	0.0	0.875	61.96	54.79	271.7	57.55	47.94	271.7	0.125	0.875	b00r	c39v	88	0.125	0.0	0.875	277.6	58.23	61.8	278.9	54.28	54.08	278.9	0.125	0.875	b06r	c47v
8	0.0	0.0	1.0	61.96	54.79	271.7	61.96	54.79	271.7	0.0	1.0	b00r	c39v	89	0.125	0.0	1.0	276.6	58.73	60.88	278.0	58.73	60.88	278.0	0.			

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n _{rgb}	rgb -> rgb*	h _{rgb}	L*, C* _{ab} , h _{ab} Ma,e	L*, C* _{ab} , h _{ab} Fa,e	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}
162	0.25 0.0 0.0	30.0	54.76 75.39 25.5	33.67 18.85 25.5	0.75	0.25	b99r	m83o
163	0.25 0.0 0.125	0.0	55.9 73.21 357.0	33.95 18.3 357.0	0.75	0.25	b75r	m47o
164	0.25 0.0 0.25	330.0	59.57 99.46 328.6	34.87 24.87 328.6	0.75	0.25	b50r	m03o
165	0.25 0.0 0.375	310.9	46.42 105.35 310.5	34.05 39.51 310.5	0.625	0.375	b33r	v53m
166	0.25 0.0 0.5	300.0	41.69 102.36 300.2	34.16 51.18 300.2	0.5	0.5	b25r	c86v
167	0.25 0.0 0.625	293.4	47.77 85.79 293.9	39.84 53.62 293.9	0.375	0.625	b19r	c71v
168	0.25 0.0 0.75	289.1	51.18 77.01 289.9	45.05 57.76 289.9	0.25	0.75	b16r	c63v
169	0.25 0.0 0.875	286.1	53.15 72.62 287.0	49.83 63.54 287.0	0.125	0.875	b13r	c58v
170	0.25 0.0 1.0	283.9	54.57 69.46 284.9	54.57 69.46 284.9	0.0	1.0	b11r	c55v
171	0.25 0.125 0.0	60.0	65.92 70.17 58.9	36.45 17.54 58.9	0.75	0.25	r49j	o47y
172	0.25 0.125 0.125	30.0	54.76 75.38 25.5	38.75 9.42 25.5	0.75	0.125	b99r	m83o
173	0.25 0.125 0.25	330.0	59.57 99.45 328.6	39.35 12.43 328.6	0.75	0.125	b50r	m03o
174	0.25 0.125 0.375	300.0	41.68 102.39 300.2	38.99 25.6 300.2	0.625	0.25	b25r	c86v
175	0.25 0.125 0.5	289.1	51.18 77.03 289.9	44.43 28.89 289.9	0.5	0.375	b16r	c63v
176	0.25 0.125 0.625	283.9	54.57 69.47 284.9	34.73 28.94 0.375	0.5	0.625	b13r	c58v
177	0.25 0.125 0.75	280.9	56.51 65.16 282.1	53.91 40.72 282.1	0.25	0.75	b10r	c51v
178	0.25 0.125 0.875	279.0	57.56 63.06 280.2	58.43 47.29 280.2	0.125	0.875	b07r	c49v
179	0.25 0.125 1.0	277.6	58.23 61.8 278.9	62.88 54.08 278.9	0.0	0.875	b06r	c47v
180	0.25 0.25 0.0	90.0	83.97 81.78 92.3	40.97 20.44 92.3	0.75	0.25	r99j	o88y
181	0.25 0.25 0.125	90.0	83.94 81.75 92.3	42.39 10.22 92.3	0.75	0.125	r99j	o88y
182	0.25 0.25 0.25	0.0	72.35 73.7 357.0	0.0 0.0 357.0	0.75	0.25	b75r	m47o
183	0.25 0.25 0.375	270.0	61.94 54.83 271.8	48.24 6.85 271.8	0.625	0.125	b00r	c39v
184	0.25 0.25 0.5	270.0	61.95 54.8 271.8	52.66 13.7 271.8	0.5	0.25	b00r	c39v
185	0.25 0.25 0.625	270.0	61.96 54.8 271.8	57.07 20.55 271.8	0.375	0.375	b00r	c39v
186	0.25 0.25 0.75	270.0	61.96 54.79 271.7	61.49 27.4 271.7	0.25	0.5	b00r	c39v
187	0.25 0.25 0.875	270.0	61.96 54.79 271.7	65.91 34.24 271.7	0.125	0.625	b00r	c39v
188	0.25 0.25 1.0	270.0	61.96 54.79 271.7	70.32 41.09 271.7	0.0	0.75	b00r	c39v
189	0.25 0.375 0.0	109.1	89.5 95.85 114.6	50.21 35.94 114.6	0.625	0.375	j31g	y20l
190	0.25 0.375 0.125	120.0	86.33 103.29 127.2	50.15 25.82 127.2	0.625	0.25	i49g	y57l
191	0.25 0.375 0.25	150.0	86.0 60.9 162.2	51.25 7.61 162.2	0.625	0.125	j99g	i77c
192	0.25 0.375 0.375	210.0	80.92 41.93 217.0	50.61 5.24 217.0	0.625	0.125	g50b	c07v
193	0.25 0.375 0.5	240.0	72.09 42.85 244.4	55.19 10.71 244.4	0.5	0.25	g75b	c20v
194	0.25 0.375 0.625	250.9	68.94 44.9 254.3	59.69 16.84 254.3	0.375	0.375	g83b	c25v
195	0.25 0.375 0.75	256.1	67.09 47.4 259.1	64.06 23.7 259.1	0.25	0.5	g88b	c28v
196	0.25 0.375 0.875	259.1	66.01 48.9 261.8	68.44 30.56 261.8	0.125	0.625	g90b	c31v
197	0.25 0.375 1.0	261.1	65.31 49.87 263.6	72.84 37.4 263.6	0.0	0.75	g92b	c32v
198	0.25 0.5 0.0	120.0	86.32 103.3 127.3	56.48 51.65 127.3	0.5	0.5	i49g	y57l
199	0.25 0.5 0.125	130.9	84.97 94.14 139.9	57.11 35.3 139.9	0.5	0.375	j67g	i27c
200	0.25 0.5 0.25	150.0	86.01 60.89 162.2	58.67 15.22 162.2	0.5	0.25	j99g	i77c
201	0.25 0.5 0.375	180.0	87.25 47.33 189.6	58.98 11.83 189.6	0.5	0.25	g25b	i97c
202	0.25 0.5 0.5	210.0	80.93 41.93 217.0	57.4 10.48 217.0	0.5	0.25	g50b	c07v
203	0.25 0.5 0.625	229.1	75.23 40.8 234.4	62.05 15.3 234.4	0.375	0.375	g66b	c14v
204	0.25 0.5 0.75	240.0	72.09 42.85 244.4	66.55 21.43 244.4	0.25	0.5	g75b	c20v
205	0.25 0.5 0.875	246.6	70.19 44.09 250.4	71.05 27.56 250.4	0.125	0.625	g80b	c23v
206	0.25 0.5 1.0	250.9	68.95 44.9 254.3	75.56 33.68 254.3	0.0	0.75	g83b	c25v
207	0.25 0.625 0.0	126.6	84.76 106.8 134.9	62.96 66.75 134.9	0.375	0.625	j60g	i9c
208	0.25 0.625 0.125	136.1	85.25 81.92 146.0	64.54 40.96 146.0	0.375	0.5	j76g	i44c
209	0.25 0.625 0.25	150.0	86.01 60.89 162.2	66.09 22.83 162.2	0.375	0.375	j99g	i77c
210	0.25 0.625 0.375	169.1	86.81 51.01 179.7	66.39 19.13 179.7	0.375	0.375	g16b	i92c
211	0.25 0.625 0.5	190.9	86.67 44.29 199.5	66.34 16.61 199.5	0.375	0.375	g33b	c01v
212	0.25 0.625 0.625	210.0	80.93 41.93 217.0	64.19 15.72 217.0	0.375	0.375	g50b	c07v
213	0.25 0.625 0.75	223.9	76.75 40.22 229.7	68.89 20.11 229.7	0.25	0.5	g61b	ci2v
214	0.25 0.625 0.875	233.4	73.99 41.61 238.4	73.43 26.01 238.4	0.125	0.625	g69b	ci6v
215	0.25 0.625 1.0	240.0	72.09 42.85 244.4	77.92 32.14 244.4	0.0	0.75	g75b	c20v
216	0.25 0.75 0.0	130.9	84.97 94.12 140.0	70.39 70.59 140.0	0.25	0.75	j67g	i27c
217	0.25 0.75 0.125	139.1	85.41 75.99 149.5	71.97 47.5 149.5	0.25	0.625	j81g	i53c
218	0.25 0.75 0.25	150.0	86.01 60.89 162.2	73.51 30.44 162.2	0.25	0.5	j99g	i77c
219	0.25 0.75 0.375	163.9	86.6 52.77 174.9	73.81 26.38 174.9	0.25	0.5	g11b	i90c
220	0.25 0.75 0.5	180.0	87.25 47.33 189.6	74.14 23.66 189.6	0.25	0.5	g30b	i97c
221	0.25 0.75 0.625	190.9	86.67 44.29 199.5	74.14 23.66 199.5	0.25	0.5	g38b	c03v
222	0.25 0.75 0.75	210.0	80.93 41.93 217.0	70.98 20.97 217.0	0.25	0.5	g50b	c07v
223	0.25 0.75 0.875	220.9	77.66 40.59 226.9	75.72 25.37 226.9	0.125	0.625	g59b	ci1v
224	0.25 0.75 1.0	229.1	75.24 40.8 234.4	80.28 30.6 234.4	0.0	0.75	g66b	ci6v
225	0.25 0.875 0.0	133.9	85.14 86.63 143.5	77.83 75.8 143.5	0.125	0.875	j72g	i38c
226	0.25 0.875 0.125	141.0	85.52 72.71 151.8	79.4 54.33 151.8	0.125	0.75	j80g	i27c
227	0.25 0.875 0.25	150.0	86.01 60.88 162.2	80.93 38.05 162.2	0.125	0.625	j99g	i77c
228	0.25 0.875 0.375	160.9	86.47 53.78 172.2	81.23 33.62 172.2	0.125	0.625	g09b	i89c
229	0.25 0.875 0.5	173.4	86.98 49.55 183.6	81.55 30.97 183.6	0.125	0.625	g19b	i94c
230	0.25 0.875 0.625	186.6	87.52 45.1 195.6	81.88 28.19 195.6	0.125	0.625	g30b	i99c
231	0.25 0.875 0.75	199.1	84.2 43.27 207.0	79.81 27.05 207.0	0.125	0.625	g40b	c04v
232	0.25 0.875 0.875	210.0	80.93 41.93 217.0	77.76 26.21 217.0	0.125	0.625	g50b	c07v
233	0.25 0.875 1.0	219.0	78.24 40.83 225.2	82.53 30.62 225.2	0.0	0.75	g57b	ci0v
234	0.25 1.0 0.0	136.1	85.25 81.91 146.0	85.25 81.91 146.0	0.0	1.0	j76g	i44c
235	0.25 1.0 0.125	142.4	85.6 70.41 153.4	86.82 61.61 153.4	0.0	0.875	j86g	i62c
236	0.25 1.0 0.25	150.0	86.01 60.88 162.2	88.36 45.66 162.2	0.0	0.75	j99g	i77c
237	0.25 1.0 0.375	158.9	86.4 54.44 170.4	88.65 40.83 170.4	0.0	0.75	g07b	i88c
238	0.25 1.0 0.5	169.1	86.81 51.01 179.7	88.96 38.26 179.7	0.0	0.75	g16b	i92c
239	0.25 1.0 0.625	180.0	87.25 47.33 189.6	89.29 35.49 189.6	0.0	0.75	g25b	i97c
240	0.25 1.0 0.75	190.9	86.67 44.29 199.5	88.86 33.22 199.5	0.0	0.75	g33b	ci0v
241	0.25 1.0 0.875	201.1	83.62 43.03 208.8	86.57 32.28 208.8	0.0	0.75	g42b	ci0v
242	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

KE610-7N, 21, table rgb->rgb*3 - LCH*a of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb*3; display reflection Lr=5%; Page 22/40

TUB-test chart KE61; 729 *rgb** colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: *rgb->rgb** setrgbcolor
output: no change compared to input

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems
TUB material: code=rh4ta

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n _{rgb} rgb -> rgb				h _{rgb}				[L*, C* _{ab} , h _{ab}]Mae				[L*, C* _{ab} , h _{ab}]Fa,e				n _{Fa} c _{Fa} u _{Fa} d _{Fa}				n _{rgb} rgb -> rgb				h _{rgb}				[L*, C* _{ab} , h _{ab}]Mae				[L*, C* _{ab} , h _{ab}]Fa,e				n _{Fa} c _{Fa} u _{Fa} d _{Fa}								
324	0.5	0.0	0.0	30.0	54.76	75.39	25.5	40.7	37.7	25.5	0.5	0.5	b99r	m83o	405	0.625	0.0	0.0	30.0	54.76	75.39	25.5	44.21	47.12	25.5	0.375	0.625	b99r	m83o	406	0.625	0.0	0.125	19.1	55.08	72.09	15.1	44.41	45.06	15.1	0.375	0.625	b90r	m56o
325	0.5	0.0	0.125	16.1	55.19	71.76	12.3	40.91	35.88	12.3	0.5	0.5	b88r	m67o	406	0.625	0.0	0.125	19.1	55.08	72.09	15.1	44.41	45.06	15.1	0.375	0.625	b90r	m56o	407	0.625	0.0	0.25	6.6	55.57	71.92	3.3	44.72	44.95	3.3	0.375	0.625	b69r	m37o
326	0.5	0.0	0.25	0.0	55.9	73.21	357.0	41.27	36.6	357.0	0.5	0.5	b75r	m47o	407	0.625	0.0	0.25	6.6	55.57	71.92	3.3	44.72	44.95	3.3	0.375	0.625	b69r	m37o	408	0.625	0.0	0.375	353.4	56.31	75.68	350.8	45.18	47.3	350.8	0.375	0.625	b59r	m16o
327	0.5	0.0	0.375	343.9	57.14	82.01	341.8	41.89	41.01	341.8	0.5	0.5	b61r	m22o	408	0.625	0.0	0.375	353.4	56.31	75.68	350.8	45.18	47.3	350.8	0.375	0.625	b59r	m16o	409	0.625	0.0	0.5	340.9	57.49	84.75	338.9	45.92	52.97	338.9	0.375	0.625	b50r	m03o
328	0.5	0.0	0.5	330.0	59.57	9																																						

n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}
486	0.75 0.0 0.0	30.0	54.76 75.39 25.5	47.73 56.54 25.5	0.25	0.75	b99r	m83o	567	0.875 0.0 0.0	30.0	54.76 75.39 25.5	51.25 65.97 25.5	0.125	0.875	b99r	m83o
487	0.75 0.0 0.125	21.0	55.02 72.31 17.0	47.92 54.23 17.0	0.25	0.75	b92r	m73o	568	0.875 0.0 0.125	22.4	54.97 72.46 18.3	51.43 63.4 18.3	0.125	0.875	b93r	m75o
488	0.75 0.0 0.25	10.9	55.38 71.42 7.4	48.19 53.56 7.4	0.25	0.75	b83r	m61o	569	0.875 0.0 0.25	13.9	55.26 71.52 10.2	51.69 62.58 10.2	0.125	0.875	b86r	m65o
489	0.75 0.0 0.375	0.0	55.9 73.21 357.0	48.59 54.91 357.0	0.25	0.75	b75r	m47o	570	0.875 0.0 0.375	4.7	55.66 72.14 1.5	52.03 63.12 1.5	0.125	0.875	b78r	m53o
490	0.75 0.0 0.5	349.1	56.65 78.27 346.7	49.15 58.7 346.7	0.25	0.75	b66r	m30o	571	0.875 0.0 0.5	355.3	56.16 74.97 352.6	52.5 65.6 352.6	0.125	0.875	b71r	m40o
491	0.75 0.0 0.625	339.0	57.72 86.52 337.1	49.95 64.89 337.1	0.25	0.75	b57r	m13o	572	0.875 0.0 0.625	346.1	56.89 80.07 343.9					

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n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
648	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
649	1.0 0.0 0.125	23.4	54.94 72.81 19.2	54.94 72.81 19.2	0.0	1.0	b94r	m76o
650	1.0 0.0 0.25	16.1	55.19 71.76 12.3	55.19 71.76 12.3	0.0	1.0	b88r	m67o
651	1.0 0.0 0.375	8.2	55.5 71.73 4.8	55.5 71.73 4.8	0.0	1.0	b81r	m58o
652	1.0 0.0 0.5	0.0	55.9 73.21 357.0	55.9 73.21 357.0	0.0	1.0	b75r	m47o
653	1.0 0.0 0.625	351.8	56.44 76.66 349.3	56.44 76.66 349.3	0.0	1.0	b68r	m35o
654	1.0 0.0 0.75	343.9	57.14 82.01 341.8	57.14 82.01 341.8	0.0	1.0	b61r	m22o
655	1.0 0.0 0.875	336.6	58.19 89.82 334.9	58.19 89.82 334.9	0.0	1.0	b55r	m10o
656	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
657	1.0 0.125 0.0	36.6	54.57 79.42 32.8	54.57 79.42 32.8	0.0	1.0	r11j	m96o
658	1.0 0.125 0.125	30.0	54.76 75.39 25.5	59.84 65.97 25.5	0.0	0.875	b99r	m83o
659	1.0 0.125 0.25	22.4	54.97 72.46 18.3	60.02 63.4 18.3	0.0	0.875	b93r	m75o
660	1.0 0.125 0.375	13.9	55.26 71.52 10.2	60.28 62.58 10.2	0.0	0.875	b86r	m65o
661	1.0 0.125 0.5	4.7	55.66 72.14 1.5	60.63 63.12 1.5	0.0	0.875	b78r	m53o
662	1.0 0.125 0.625	355.3	56.19 74.97 352.6	61.1 65.6 352.6	0.0	0.875	b71r	m40o
663	1.0 0.125 0.75	346.1	56.99 80.07 343.9	61.7 70.05 343.9	0.0	0.875	b63r	m25o
664	1.0 0.125 0.875	337.6	57.98 88.35 335.8	62.66 77.3 335.8	0.0	0.875	b56r	m11o
665	1.0 0.125 1.0	330.0	59.57 99.48 328.6	64.05 87.04 328.6	0.0	0.875	b50r	m03o
666	1.0 0.25 0.0	43.9	57.72 76.2 41.0	57.72 76.2 41.0	0.0	1.0	r23j	o20y
667	1.0 0.25 0.125	37.6	54.55 80.2 33.9	59.66 70.18 33.9	0.0	0.875	r13j	m99o
668	1.0 0.25 0.25	30.0	54.76 75.39 25.5	56.54 67.5 25.5	0.0	0.75	b99r	m83o
669	1.0 0.25 0.375	21.0	55.02 72.31 17.0	65.12 54.23 17.0	0.0	0.75	b92r	m73o
670	1.0 0.25 0.5	10.9	55.38 71.42 7.4	65.39 53.56 7.4	0.0	0.75	b83r	m61o
671	1.0 0.25 0.625	0.0	55.9 73.21 357.0	65.78 54.91 357.0	0.0	0.75	b75r	m47o
672	1.0 0.25 0.75	349.1	56.65 78.27 346.7	66.34 58.7 346.7	0.0	0.75	b66r	m30o
673	1.0 0.25 0.875	339.0	57.72 86.52 337.1	67.14 64.89 337.1	0.0	0.75	b57r	m13o
674	1.0 0.25 1.0	330.0	59.57 99.47 328.6	68.53 74.61 328.6	0.0	0.75	b50r	m03o
675	1.0 0.375 0.0	51.8	61.81 72.09 49.7	61.81 72.09 49.7	0.0	1.0	r36j	o34y
676	1.0 0.375 0.125	46.1	58.91 74.64 43.4	63.47 65.31 43.4	0.0	0.875	r27j	o24y
677	1.0 0.375 0.25	38.9	55.0 79.93 35.4	65.1 59.95 35.4	0.0	0.75	r15j	o05y
678	1.0 0.375 0.375	30.0	54.76 75.39 25.5	70.01 47.12 25.5	0.0	0.625	b99r	m83o
679	1.0 0.375 0.5	19.1	55.08 72.09 15.1	70.21 45.06 15.1	0.0	0.625	b90r	m71o
680	1.0 0.375 0.625	6.6	55.57 71.92 3.3	70.51 44.95 3.3	0.0	0.625	b80r	m56o
681	1.0 0.375 0.75	353.4	56.31 75.68 350.8	70.97 47.3 350.8	0.0	0.625	b69r	m37o
682	1.0 0.375 0.875	340.9	57.49 84.75 338.9	71.71 52.97 338.9	0.0	0.625	b59r	m16o
683	1.0 0.375 1.0	330.0	59.57 99.47 328.6	73.01 62.17 328.6	0.0	0.625	b50r	m03o
684	1.0 0.5 0.0	60.0	65.93 70.17 58.9	65.93 70.17 58.9	0.0	1.0	r49j	o47y
685	1.0 0.5 0.125	55.3	63.58 70.97 53.6	67.55 62.1 53.6	0.0	0.875	r42j	o40y
686	1.0 0.5 0.25	49.1	60.45 73.26 46.8	69.19 54.95 46.8	0.0	0.75	r32j	o30y
687	1.0 0.5 0.375	40.9	56.1 78.33 37.6	70.84 48.96 37.6	0.0	0.625	r18j	o14y
688	1.0 0.5 0.5	30.0	54.76 75.39 25.5	75.09 37.7 25.5	0.0	0.5	b99r	m83o
689	1.0 0.5 0.625	16.1	55.19 71.76 12.3	75.3 35.88 12.3	0.0	0.5	b88r	m67o
690	1.0 0.5 0.75	0.0	55.9 73.21 357.0	75.66 36.6 357.0	0.0	0.5	b75r	m47o
691	1.0 0.5 0.875	343.9	57.14 82.01 341.8	76.27 41.01 341.8	0.0	0.5	b61r	m22o
692	1.0 0.5 1.0	330.0	59.57 99.47 328.6	77.49 49.74 328.6	0.0	0.5	b50r	m03o
693	1.0 0.625 0.0	68.2	70.13 70.22 68.0	70.13 70.22 68.0	0.0	1.0	r63j	o58y
694	1.0 0.625 0.125	64.7	68.32 69.95 64.1	71.71 61.21 64.1	0.0	0.875	r57j	o53y
695	1.0 0.625 0.25	60.0	65.93 70.17 58.9	73.3 52.63 58.9	0.0	0.75	r49j	o47y
696	1.0 0.625 0.375	53.4	62.64 71.39 51.5	74.93 44.62 51.5	0.0	0.625	r39j	o37y
697	1.0 0.625 0.5	43.9	57.72 76.2 40.9	76.56 38.1 40.9	0.0	0.5	r23j	o20y
698	1.0 0.625 0.625	30.0	54.76 75.39 25.5	80.17 28.27 25.5	0.0	0.375	b99r	m83o
699	1.0 0.625 0.75	10.9	55.38 71.42 7.4	80.4 26.78 7.4	0.0	0.375	b83r	m61o
700	1.0 0.625 0.875	349.1	56.65 78.26 346.7	80.87 29.35 346.7	0.0	0.375	b66r	m30o
701	1.0 0.625 1.0	330.0	59.57 99.47 328.6	81.97 37.3 328.6	0.0	0.375	b50r	m03o
702	1.0 0.75 0.0	76.1	74.48 72.3 76.8	74.48 72.3 76.8	0.0	1.0	r76j	o69y
703	1.0 0.75 0.125	73.9	73.22 71.47 74.4	75.99 62.54 74.4	0.0	0.875	r72j	o66y
704	1.0 0.75 0.25	70.9	71.51 70.43 71.0	77.48 52.82 71.0	0.0	0.75	r67j	o62y
705	1.0 0.75 0.375	66.6	69.28 70.09 66.2	79.08 43.81 66.2	0.0	0.625	r60j	o56y
706	1.0 0.75 0.5	60.0	65.92 70.17 58.9	80.67 35.09 58.9	0.0	0.5	r49j	o47y
707	1.0 0.75 0.625	49.1	62.9 73.27 46.7	82.3 27.47 46.7	0.0	0.375	r32j	o30y
708	1.0 0.75 0.75	30.0	54.76 75.39 25.5	85.25 18.85 25.5	0.0	0.25	b99r	m83o
709	1.0 0.75 0.875	0.0	55.9 73.21 357.0	85.53 18.3 357.0	0.0	0.25	b75r	m47o
710	1.0 0.75 1.0	330.0	59.57 99.46 328.6	86.45 24.87 328.6	0.0	0.25	b50r	m03o
711	1.0 0.875 0.0	83.4	79.11 76.27 85.0	79.11 76.27 85.0	0.0	1.0	r88j	o79y
712	1.0 0.875 0.125	82.4	78.39 75.49 83.9	80.52 66.06 83.9	0.0	0.875	r86j	o78y
713	1.0 0.875 0.25	81.0	77.42 74.43 82.3	81.92 55.83 82.3	0.0	0.75	r84j	o76y
714	1.0 0.875 0.375	79.1	76.21 73.42 80.2	83.41 45.89 80.2	0.0	0.625	r81j	o73y
715	1.0 0.875 0.5	76.1	74.48 72.3 76.8	84.94 36.15 76.8	0.0	0.5	r76j	o69y
716	1.0 0.875 0.625	70.9	71.5 70.43 71.0	86.44 26.41 71.0	0.0	0.375	r67j	o62y
717	1.0 0.875 0.75	60.0	65.92 70.17 58.9	88.04 17.54 58.9	0.0	0.25	r49j	o47y
718	1.0 0.875 0.875	30.0	54.76 75.38 25.5	90.33 9.42 25.5	0.0	0.125	b99r	m83o
719	1.0 0.875 1.0	330.0	59.57 99.45 328.6	90.93 12.43 328.6	0.0	0.125	b50r	m03o
720	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
721	1.0 1.0 0.125	90.0	83.98 81.8 92.3	85.41 71.58 92.3	0.0	0.875	r99j	o88y
722	1.0 1.0 0.25	90.0	83.98 81.8 92.3	86.84 61.35 92.3	0.0	0.75	r99j	o88y
723	1.0 1.0 0.375	90.0	83.98 81.8 92.3	88.27 51.12 92.3	0.0	0.625	r99j	o88y
724	1.0 1.0 0.5	90.0	83.98 81.8 92.3	89.69 40.9 92.3	0.0	0.5	r99j	o88y
725	1.0 1.0 0.625	90.0	83.97 81.79 92.3	91.12 30.67 92.3	0.0	0.375	r99j	o88y
726	1.0 1.0 0.75	90.0	83.97 81.78 92.3	92.55 20.44 92.3	0.0	0.25	r99j	o88y
727	1.0 1.0 0.875	90.0	83.94 81.75 92.3	93.98 10.22 92.3	0.0	0.125	r99j	o88y
728	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

KE610-7N, 21, table $rgb \rightarrow rgb^*3$ - LCH*a of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb^*3 ; display reflection $L_r=5\%$; Page 25/40

TUB-test chart KE61; 729 rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

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TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n^*_Fa	c^*_Fa	u^*_Fa	d^*_Fa	n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n^*_Fa	c^*_Fa	u^*_Fa	d^*_Fa											
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	81	0.125	0.0	0.0	30.0	58.61	65.19	25.5	40.45	8.15	25.5	0.875	0.125	b99r	m86o
1	0.0	0.0	0.125	64.81	50.05	271.8	41.23	6.26	271.8	0.875	0.125	b00r	c39v	82	0.125	0.0	0.125	330.0	62.72	88.84	328.6	40.97	11.11	328.6	0.875	0.125	b50r	m03o
2	0.0	0.0	0.25	64.82	50.03	271.8	44.6	12.51	271.8	0.75	0.25	b00r	c39v	83	0.125	0.0	0.25	300.0	66.31	93.27	300.2	39.97	23.32	300.2	0.75	0.25	b25r	v04m
3	0.0	0.0	0.375	64.82	50.02	271.8	47.97	18.76	271.8	0.625	0.375	b00r	c39v	84	0.125	0.0	0.375	289.1	54.84	70.64	289.9	44.22	26.49	289.9	0.625	0.375	b16r	c65v
4	0.0	0.0	0.5	64.82	50.02	271.7	51.34	25.01	271.7	0.5	0.5	b00r	c39v	85	0.125	0.0	0.5	283.9	58.04	63.4	284.9	47.95	31.7	284.9	0.5	0.5	b11r	c57v
5	0.0	0.0	0.625	64.83	50.02	271.7	54.71	31.26	271.7	0.375	0.625	b00r	c39v	86	0.125	0.0	0.625	280.9	59.79	59.6	282.1	51.57	37.25	282.1	0.375	0.625	b09r	c52v
6	0.0	0.0	0.75	64.83	50.02	271.7	58.08	37.51	271.7	0.25	0.75	b00r	c39v	87	0.125	0.0	0.75	279.0	60.82									

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TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

V L O Y M C																V L O Y M C															
n_rgb rgb -> rgb*3																n_rgb rgb -> rgb*3															
h_rgb [L*, C*_ab, h_ab]Ma,e																h_rgb [L*, C*_ab, h_ab]Ma,e															
[L*, C*_ab, h_ab]Fa,e																[L*, C*_ab, h_ab]Fa,e															
n_Fa c_Fa u_Fa d_Fa																n_Fa c_Fa u_Fa d_Fa															
162	0.25	0.0	0.0	30.0	58.61	65.19	25.5	43.04	16.3	25.5	0.75	0.25	b99r	m86o	243	0.375	0.0	0.0	30.0	58.6	65.2	25.5	45.64	24.45	25.5	0.625	0.375	b99r	m86o		
163	0.25	0.0	0.125	0.0	59.64	64.44	357.0	43.3	16.11	357.0	0.75	0.25	b75r	m47o	244	0.375	0.0	0.125	10.9	59.18	62.56	7.4	45.85	23.46	7.4	0.625	0.375	b83r	m62o		
164	0.25	0.0	0.25	330.0	62.72	88.86	328.6	44.07	22.21	328.6	0.75	0.25	b50r	m03o	245	0.375	0.0	0.25	349.1	60.28	69.18	346.7	46.27	25.94	346.7	0.625	0.375	b66r	m30o		
165	0.25	0.0	0.375	310.9	52.82	91.32	310.5	43.47	34.25	310.5	0.625	0.375	b33r	v59m	246	0.375	0.0	0.375	330.0	62.73	88.86	328.6	47.18	33.32	328.6	0.625	0.375	b50r	m03o		
166	0.25	0.0	0.5	300.0	46.3	93.27	300.2	42.08	46.64	300.2	0.5	0.5	b25r	v03m	247	0.375	0.0	0.5	316.1	56.03	91.01	315.4	46.94	45.51	315.4	0.5	0.5	b38r	v75m		
167	0.25	0.0	0.625	293.4	51.8	78.19	293.9	46.57	48.87	293.9	0.375	0.625	b19r	c74v	248	0.375	0.0	0.625													

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n _{rgb}	rgb	→	rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] Ma,e	[L*, C* _{ab} , h _{ab}] Fa,e	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}					
324	0.5	0.0	0.0	30.0	58.6	65.2	25.5	48.23	32.6	25.5	0.5	0.5	b99r	m86o	
325	0.5	0.0	0.125	16.1	59.01	62.71	12.3	48.43	31.36	12.3	0.5	0.5	b88r	m68o	
326	0.5	0.0	0.25	0.0	59.64	64.44	357.0	48.75	32.22	357.0	0.5	0.5	b75r	m47o	
327	0.5	0.0	0.375	343.9	60.7	72.66	341.8	49.28	36.33	341.8	0.5	0.5	b61r	m21o	
328	0.5	0.0	0.5	0.5	330.0	62.73	88.86	328.6	50.29	44.43	328.6	0.5	0.5	b50r	m03o
329	0.5	0.0	0.625	0.5	319.1	57.73	318.3	50.41	57.03	318.3	0.375	0.5	b40r	v83m	
330	0.5	0.0	0.75	0.5	310.9	52.82	91.32	51.05	49.08	68.49	0.25	0.75	b33r	v59m	
331	0.5	0.0	0.875	0.5	304.7	49.05	92.12	304.6	47.65	80.6	0.125	0.875	b28r	v35m	
332	0.5	0.0	1.0	300.0	46.3	93.27	300.2	46.3	93.27	300.2	0.0	1.0	b25r	v03m	
333	0.5	0.125	0.0	43.9	62.81	61.4	40.9	50.33	30.7	40.9	0.5	0.5	r23j	o27y	
334	0.5	0.125	0.125	30.0	58.6	65.2	25.5	52.83	24.45	25.5	0.5	0.375	b99r	m86o	
335	0.5	0.125	0.25	10.9	59.18	62.56	7.4	53.05	23.46	7.4	0.5	0.375	b83r	m62o	
336	0.5	0.125	0.375	349.1	60.28	69.18	346.7	50.41	25.94	346.7	0.5	0.375	b66r	m03o	
337	0.5	0.125	0.5	330.0	62.73	88.86	328.6	54.38	33.32	328.6	0.5	0.375	b50r	m03o	
338	0.5	0.125	0.625	316.1	56.03	91.01	315.4	54.14	45.51	315.4	0.375	0.5	b38r	v75m	
339	0.5	0.125	0.75	306.6	50.19	91.74	306.4	52.76	57.34	306.4	0.25	0.625	b3		

KE610-7N, 26, table rgb->rgb*3 - LCH*a of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb*3; display reflection Lr=10%; Page 28/40

TUB-test chart KE61; 729 rgb* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta

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TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems
TUB material: code=rha4ta

n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C _{ab} *, h _{ab}] Ma,e	[L*, C _{ab} *, h _{ab}] Fa,e	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C _{ab} *, h _{ab}] Ma,e	[L*, C _{ab} *, h _{ab}] Fa,e	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}
486	0.75 0.0 0.0	30.0	58.6 65.2 25.5	53.42 48.9 25.5	0.25	0.75	b99r	m86o	567	0.875 0.0 0.0	30.0	58.6 65.2 25.5	56.01 57.05 25.5	0.125	0.875	b99r	m86o
487	0.75 0.0 0.125	21.0	58.85 62.96 17.0	53.6 47.22 17.0	0.25	0.75	b92r	m75o	568	0.875 0.0 0.125	22.4	58.81 63.29 18.3	56.19 55.38 18.3	0.125	0.875	b93r	m77o
488	0.75 0.0 0.25	10.9	59.18 62.56 7.4	53.85 46.92 7.4	0.25	0.75	b83r	m62o	569	0.875 0.0 0.25	13.9	59.08 62.6 10.2	56.42 54.78 10.2	0.125	0.875	b86r	m66o
489	0.75 0.0 0.375	0.0	59.64 64.44 357.0	54.2 48.33 357.0	0.25	0.75	b75r	m47o	570	0.875 0.0 0.375	4.7	59.43 63.37 1.5	56.73 55.45 1.5	0.125	0.875	b78r	m54o
490	0.75 0.0 0.5	349.1	60.28 69.19 346.7	54.68 51.89 346.7	0.25	0.75	b66r	m30o	571	0.875 0.0 0.5	355.3	59.8					

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n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c^*_{Fa}	u^*_{Fa}	d^*_{Fa}
648	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
649	1.0 0.0 0.125	23.4	58.78 63.54 19.2	58.78 63.54 19.2	0.0	1.0	b94r	m78o
650	1.0 0.0 0.25	16.1	59.01 62.71 12.3	59.01 62.71 12.3	0.0	1.0	b88r	m68o
651	1.0 0.0 0.375	8.2	59.29 62.91 4.8	59.29 62.91 4.8	0.0	1.0	b81r	m58o
652	1.0 0.0 0.5	0.0	59.64 64.44 357.0	59.64 64.44 357.0	0.0	1.0	b75r	m47o
653	1.0 0.0 0.625	351.8	60.1 67.71 349.3	60.1 67.71 349.3	0.0	1.0	b68r	m34o
654	1.0 0.0 0.75	343.9	60.7 72.67 341.8	60.7 72.67 341.8	0.0	1.0	b61r	m21o
655	1.0 0.0 0.875	336.6	61.57 79.86 334.9	61.57 79.86 334.9	0.0	1.0	b55r	m10o
656	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
657	1.0 0.125 0.0	36.6	59.51 65.68 32.8	59.51 65.68 32.8	0.0	1.0	r11j	o12y
658	1.0 0.125 0.125	30.0	58.6 65.2 25.5	63.21 57.05 25.5	0.0	0.875	b99r	m86o
659	1.0 0.125 0.25	22.4	58.81 63.29 18.3	63.38 55.38 18.3	0.0	0.875	b93r	m77o
660	1.0 0.125 0.375	13.9	59.08 62.6 10.2	63.62 54.78 10.2	0.0	0.875	b86r	m66o
661	1.0 0.125 0.5	4.7	59.43 63.37 1.5	63.92 55.45 1.5	0.0	0.875	b78r	m54o
662	1.0 0.125 0.625	355.3	60.99 66.1 352.6	64.33 57.84 352.6	0.0	0.875	b71r	m40o
663	1.0 0.125 0.75	346.1	60.49 70.84 343.9	61.99 63.99 343.9	0.0	0.875	b63r	m25o
664	1.0 0.125 0.875	337.6	61.4 78.48 335.8	65.65 68.67 335.8	0.0	0.875	b56r	m11o
665	1.0 0.125 1.0	330.0	62.73 88.87 328.6	66.81 77.76 328.6	0.0	0.875	b50r	m03o
666	1.0 0.25 0.0	43.9	62.81 61.4 41.0	62.81 61.4 41.0	0.0	1.0	r23j	o27y
667	1.0 0.25 0.125	37.6	59.97 65.04 33.9	64.4 56.91 33.9	0.0	0.875	r13j	o14y
668	1.0 0.25 0.25	30.0	58.6 65.2 25.5	67.81 48.9 25.5	0.0	0.75	b99r	m86o
669	1.0 0.25 0.375	21.0	58.85 62.96 17.0	67.99 47.22 17.0	0.0	0.75	b92r	m75o
670	1.0 0.25 0.5	10.9	59.18 62.56 7.4	68.24 46.92 7.4	0.0	0.75	b83r	m62o
671	1.0 0.25 0.625	0.0	59.64 64.44 357.0	68.58 48.33 357.0	0.0	0.75	b75r	m47o
672	1.0 0.25 0.75	349.1	60.28 69.19 346.7	69.07 51.89 346.7	0.0	0.75	b66r	m30o
673	1.0 0.25 0.875	339.0	61.19 76.8 337.1	69.74 57.6 337.1	0.0	0.75	b57r	m13o
674	1.0 0.25 1.0	330.0	62.73 88.87 328.6	70.9 66.65 328.6	0.0	0.75	b50r	m03o
675	1.0 0.375 0.0	51.8	66.13 58.68 49.7	66.13 58.68 49.7	0.0	1.0	r36j	o39y
676	1.0 0.375 0.125	46.1	63.74 60.56 43.4	67.7 52.99 43.4	0.0	0.875	r27j	o30y
677	1.0 0.375 0.25	38.9	60.59 64.2 35.4	69.29 48.15 35.4	0.0	0.75	r15j	o17y
678	1.0 0.375 0.375	30.0	58.6 65.2 25.5	72.41 40.75 25.5	0.0	0.625	b99r	m86o
679	1.0 0.375 0.5	19.1	58.91 62.86 15.1	72.6 39.29 15.1	0.0	0.625	b90r	m72o
680	1.0 0.375 0.625	6.6	59.35 63.12 3.3	72.87 39.45 3.3	0.0	0.625	b80r	m56o
681	1.0 0.375 0.75	353.4	60.0 66.81 350.8	73.28 41.76 350.8	0.0	0.625	b69r	m37o
682	1.0 0.375 0.875	340.9	60.99 75.18 338.9	73.9 46.99 338.9	0.0	0.625	b59r	m16o
683	1.0 0.375 1.0	330.0	62.73 88.87 328.6	74.98 55.54 328.6	0.0	0.625	b50r	m03o
684	1.0 0.5 0.0	60.0	69.49 57.53 58.9	69.49 57.53 58.9	0.0	1.0	r49j	o50y
685	1.0 0.5 0.125	55.3	67.56 58.17 53.6	71.04 50.9 53.6	0.0	0.875	r42j	o44y
686	1.0 0.5 0.25	49.1	65.01 59.41 46.8	72.61 44.56 46.8	0.0	0.75	r32j	o35y
687	1.0 0.5 0.375	40.9	61.48 62.99 37.6	74.2 39.37 37.6	0.0	0.625	r18j	o21y
688	1.0 0.5 0.5	30.0	58.6 65.2 25.5	77.01 32.6 25.5	0.0	0.5	b99r	m86o
689	1.0 0.5 0.625	16.1	59.01 62.71 12.3	77.21 31.36 12.3	0.0	0.5	b88r	m68o
690	1.0 0.5 0.75	0.0	59.64 64.44 357.0	77.53 32.22 357.0	0.0	0.5	b75r	m47o
691	1.0 0.5 0.875	343.9	60.7 72.66 341.8	78.05 36.33 341.8	0.0	0.5	b61r	m21o
692	1.0 0.5 1.0	330.0	62.73 88.86 328.6	79.07 44.43 328.6	0.0	0.5	b50r	m03o
693	1.0 0.625 0.0	68.2	72.95 58.14 68.0	72.95 58.14 68.0	0.0	1.0	r63j	o61y
694	1.0 0.625 0.125	64.7	71.48 57.88 64.1	74.47 50.65 64.1	0.0	0.875	r57j	o56y
695	1.0 0.625 0.25	60.0	69.49 57.53 58.9	75.97 43.15 58.9	0.0	0.75	r49j	o50y
696	1.0 0.625 0.375	53.4	66.8 58.45 51.5	77.53 36.53 51.5	0.0	0.625	r39j	o41y
697	1.0 0.625 0.5	43.9	62.81 61.4 40.9	79.11 30.7 40.9	0.0	0.5	r23j	o27y
698	1.0 0.625 0.625	30.0	58.6 65.2 25.5	81.61 24.45 25.5	0.0	0.375	b99r	m86o
699	1.0 0.625 0.75	10.9	59.18 62.56 7.4	81.82 23.46 7.4	0.0	0.375	b83r	m62o
700	1.0 0.625 0.875	349.1	60.28 69.18 346.7	82.24 25.94 346.7	0.0	0.375	b66r	m30o
701	1.0 0.625 1.0	330.0	62.73 88.86 328.6	83.15 33.32 328.6	0.0	0.375	b50r	m03o
702	1.0 0.75 0.0	76.1	76.6 60.51 76.8	76.6 60.51 76.8	0.0	1.0	r76j	o71y
703	1.0 0.75 0.125	73.9	75.56 59.75 74.4	78.04 52.28 74.4	0.0	0.875	r72j	o68y
704	1.0 0.75 0.25	70.9	74.15 58.73 71.0	79.46 44.05 71.0	0.0	0.75	r67j	o64y
705	1.0 0.75 0.375	66.6	72.26 58.02 66.2	80.94 36.26 66.2	0.0	0.625	r60j	o59y
706	1.0 0.75 0.5	60.0	69.49 57.53 58.9	82.45 28.76 58.9	0.0	0.5	r49j	o50y
707	1.0 0.75 0.625	49.1	65.01 59.41 46.7	84.01 22.38 46.7	0.0	0.375	r32j	o35y
708	1.0 0.75 0.75	30.0	58.61 65.19 25.5	86.21 16.3 25.5	0.0	0.25	b99r	m86o
709	1.0 0.75 0.875	0.0	59.64 64.44 357.0	86.47 16.11 357.0	0.0	0.25	b75r	m47o
710	1.0 0.75 1.0	330.0	62.72 88.86 328.6	87.24 22.21 328.6	0.0	0.25	b50r	m03o
711	1.0 0.875 0.0	83.4	80.53 64.44 85.0	80.53 64.44 85.0	0.0	1.0	r88j	o80y
712	1.0 0.875 0.125	82.4	79.93 63.72 83.9	81.96 55.75 83.9	0.0	0.875	r89j	o79y
713	1.0 0.875 0.25	81.0	79.11 62.74 82.3	83.19 47.05 82.3	0.0	0.75	r84j	o77y
714	1.0 0.875 0.375	79.1	78.01 61.53 80.2	84.54 38.46 80.2	0.0	0.625	r81j	o74y
715	1.0 0.875 0.5	76.1	76.6 60.5 76.8	86.0 30.25 76.8	0.0	0.5	r76j	o71y
716	1.0 0.875 0.625	70.9	74.14 58.73 71.0	87.43 22.02 71.0	0.0	0.375	r67j	o64y
717	1.0 0.875 0.75	60.0	69.49 57.53 58.9	88.93 14.38 58.9	0.0	0.25	r49j	o50y
718	1.0 0.875 0.875	30.0	58.61 65.19 25.5	90.81 8.15 25.5	0.0	0.125	b99r	m86o
719	1.0 0.875 1.0	330.0	62.72 88.84 328.6	91.32 11.11 328.6	0.0	0.125	b50r	m03o
720	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
721	1.0 1.0 0.125	90.0	84.6 69.49 92.3	85.95 60.8 92.3	0.0	0.875	r99j	o88y
722	1.0 1.0 0.25	90.0	84.6 69.49 92.3	87.3 52.12 92.3	0.0	0.75	r99j	o88y
723	1.0 1.0 0.375	90.0	84.6 69.48 92.3	88.65 43.43 92.3	0.0	0.625	r99j	o88y
724	1.0 1.0 0.5	90.0	84.6 69.48 92.3	90.0 34.74 92.3	0.0	0.5	r99j	o88y
725	1.0 1.0 0.625	90.0	84.6 69.48 92.3	91.35 26.05 92.3	0.0	0.375	r99j	o88y
726	1.0 1.0 0.75	90.0	84.59 69.47 92.3	92.7 17.37 92.3	0.0	0.25	r99j	o88y
727	1.0 1.0 0.875	90.0	84.57 69.43 92.3	94.05 8.68 92.3	0.0	0.125	r99j	o88y
728	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

KE610-7N, 26, table $rgb \rightarrow rgb^*3 - LCH^*a$ of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb^*3 ; display reflection $L_r=10\%$; Page 30/40

TUB-test chart KE61; 729 rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klau.s.richter/KE61/KE61L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}]M _{a,e}	[L*, C* _{ab} , h _{ab}]F _{a,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}]M _{a,e}	[L*, C* _{ab} , h _{ab}]F _{a,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}											
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	81	0.125	0.0	0.0	30.0	65.34	49.61	25.5	53.62	6.2	25.5	0.875	0.125	b99r	m96o
1	0.0	0.0	0.125	70.02	41.4	271.8	54.21	5.17	271.8	0.875	0.125	b00r	c39v	82	0.125	0.0	0.125	330.0	68.4	70.76	328.6	54.0	8.85	328.6	0.875	0.125	b50r	m04o
2	0.0	0.0	0.25	70.03	41.38	271.8	56.47	10.35	271.8	0.75	0.25	b00r	c39v	83	0.125	0.0	0.25	300.0	58.12	70.26	300.2	53.49	17.56	300.2	0.75	0.25	b25r	v27m
3	0.0	0.0	0.375	70.03	41.38	271.8	58.73	15.52	271.8	0.625	0.375	b00r	c39v	84	0.125	0.0	0.375	289.1	61.64	58.58	289.9	55.58	21.97	289.9	0.625	0.375	b16r	c70v
4	0.0	0.0	0.5	70.03	41.38	271.7	60.99	20.69	271.7	0.5	0.5	b00r	c39v	85	0.125	0.0	0.5	283.9	64.38	52.36	284.9	58.16	26.18	284.9	0.5	0.5	b11r	c59v
5	0.0	0.0	0.625	70.03	41.38	271.7	63.25	25.86	271.7	0.375	0.625	b00r	c39v	86	0.125	0.0	0.625	280.9	65.8	49.								

See original or copy: <http://web.me.com/klau.s.richter/KE61/KE61L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n _{rgb}	rgb -> rgb*	h _{rgb}	L*, C* _{ab} , h _{ab} Ma,e	L*, C* _{ab} , h _{ab} Fa,e	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}
162	0.25 0.0 0.0	30.0	65.34 49.62 25.5	55.3 12.4 25.5	0.75	0.25	b99r	m96o
163	0.25 0.0 0.125	0.0	66.17 50.2 357.0	55.5 12.55 357.0	0.75	0.25	b75r	m47o
164	0.25 0.0 0.25	330.0	68.41 70.78 328.6	56.06 17.69 328.6	0.75	0.25	b50r	m04o
165	0.25 0.0 0.375	310.9	62.18 70.83 310.5	55.79 26.56 310.5	0.625	0.375	b33r	v66m
166	0.25 0.0 0.5	300.0	58.12 70.26 300.2	55.03 35.13 300.2	0.5	0.5	b25r	v27m
167	0.25 0.0 0.625	293.4	58.99 65.07 293.9	56.35 40.67 293.9	0.375	0.625	b19r	c82v
168	0.25 0.0 0.75	289.1	61.65 58.57 289.9	59.22 43.93 289.9	0.25	0.75	b16r	c70v
169	0.25 0.0 0.875	286.1	63.34 54.55 287.0	61.91 47.74 287.0	0.125	0.875	b13r	c63v
170	0.25 0.0 1.0	283.9	64.38 52.35 284.9	64.38 52.35 284.9	0.0	1.0	b11r	c59v
171	0.25 0.125 0.0	60.0	74.71 42.2 58.9	57.64 10.55 58.9	0.75	0.25	r49j	o54y
172	0.25 0.125 0.125	30.0	65.34 49.62 25.5	59.05 6.2 25.5	0.75	0.125	b99r	m96o
173	0.25 0.125 0.25	330.0	68.4 70.76 328.6	59.44 8.85 328.6	0.75	0.125	b50r	m04o
174	0.25 0.125 0.375	300.0	58.12 70.26 300.2	58.92 17.56 300.2	0.625	0.25	b25r	v27m
175	0.25 0.125 0.5	289.1	61.64 58.58 289.9	61.02 21.97 289.9	0.5	0.375	b16r	c70v
176	0.25 0.125 0.625	283.9	64.38 52.36 284.9	63.6 26.18 284.9	0.375	0.5	b13r	c59v
177	0.25 0.125 0.75	280.9	65.8 49.2 282.1	66.04 30.8 282.1	0.25	0.625	b11r	c50v
178	0.25 0.125 0.875	279.0	66.72 47.45 280.2	68.46 35.59 280.2	0.125	0.75	b07r	c48v
179	0.25 0.125 1.0	277.6	67.24 46.49 278.9	70.76 40.68 278.9	0.0	0.875	b06r	c45v
180	0.25 0.25 0.0	90.0	85.95 52.2 92.3	60.45 13.05 92.3	0.75	0.25	r99j	o88y
181	0.25 0.25 0.125	0.0	85.94 52.17 92.3	61.63 6.52 92.3	0.75	0.125	r99j	o88y
182	0.25 0.25 0.25	0.0	86.57 50.0 357.0	62.5 12.5 357.0	0.75	0.25	b75r	m47o
183	0.25 0.25 0.375	270.0	70.02 41.4 271.8	65.07 5.17 271.8	0.625	0.125	b00r	c39v
184	0.25 0.25 0.5	270.0	70.03 41.38 271.8	67.33 10.35 271.8	0.5	0.25	b00r	c39v
185	0.25 0.25 0.625	270.0	70.03 41.38 271.8	69.59 15.52 271.8	0.375	0.375	b00r	c39v
186	0.25 0.25 0.75	270.0	70.03 41.38 271.7	71.85 20.69 271.7	0.25	0.5	b00r	c39v
187	0.25 0.25 0.875	270.0	70.03 41.38 271.7	74.12 25.86 271.7	0.125	0.625	b00r	c39v
188	0.25 0.25 1.0	270.0	70.03 41.37 271.7	76.38 31.03 271.7	0.0	0.75	b00r	c39v
189	0.25 0.375 0.0	109.1	91.32 65.3 114.6	66.71 24.49 114.6	0.625	0.375	j31g	o13y
190	0.25 0.375 0.125	120.0	88.88 69.65 127.2	66.61 17.41 127.2	0.625	0.25	i49g	y42l
191	0.25 0.375 0.25	150.0	87.84 46.48 162.2	67.3 5.81 162.2	0.625	0.125	j99g	l78c
192	0.25 0.375 0.375	210.0	84.25 32.56 217.0	66.85 4.07 217.0	0.625	0.125	g50b	c07v
193	0.25 0.375 0.5	240.0	77.6 32.62 244.4	69.23 8.16 244.4	0.5	0.25	g75b	c19v
194	0.25 0.375 0.625	250.9	75.24 34.2 254.3	71.55 12.83 254.3	0.375	0.375	g83b	c24v
195	0.25 0.375 0.75	256.1	73.92 35.78 259.1	73.8 17.89 259.1	0.25	0.5	g88b	c28v
196	0.25 0.375 0.875	259.1	73.1 36.92 261.8	76.03 23.07 261.8	0.125	0.625	g90b	c30v
197	0.25 0.375 1.0	261.1	72.57 37.65 263.6	78.28 28.24 263.6	0.0	0.75	g92b	c32v
198	0.25 0.5 0.0	120.0	88.88 69.66 127.3	70.41 34.83 127.3	0.5	0.5	i49g	y42l
199	0.25 0.5 0.125	130.9	86.92 72.51 139.9	70.5 27.19 139.9	0.5	0.375	j67g	l18c
200	0.25 0.5 0.25	150.0	87.84 46.47 162.2	71.79 11.62 162.2	0.5	0.25	j99g	l78c
201	0.25 0.5 0.375	180.0	88.81 36.84 189.6	72.03 9.21 189.6	0.5	0.25	g25b	l96c
202	0.25 0.5 0.5	210.0	84.25 32.57 217.0	70.89 8.14 217.0	0.5	0.25	g50b	c07v
203	0.25 0.5 0.625	229.1	79.97 31.04 234.4	73.32 11.64 234.4	0.375	0.375	g66b	c13v
204	0.25 0.5 0.75	240.0	77.61 32.62 244.4	75.64 16.31 244.4	0.25	0.5	g75b	c19v
205	0.25 0.5 0.875	246.6	76.18 33.58 250.4	77.96 20.99 250.4	0.125	0.625	g80b	c22v
206	0.25 0.5 1.0	250.9	75.24 34.2 254.3	80.28 25.65 254.3	0.0	0.75	g83b	c24v
207	0.25 0.625 0.0	126.6	87.35 74.85 134.9	74.07 46.78 134.9	0.375	0.625	j60g	y75l
208	0.25 0.625 0.125	136.1	87.2 62.54 146.0	75.01 31.27 146.0	0.375	0.5	j76g	y42l
209	0.25 0.625 0.25	150.0	87.84 46.47 162.2	76.27 17.43 162.2	0.375	0.375	j99g	l78c
210	0.25 0.625 0.375	169.1	88.47 39.39 179.7	76.51 14.77 179.7	0.375	0.375	g16b	l92c
211	0.25 0.625 0.5	190.9	88.55 34.59 199.5	76.54 12.97 199.5	0.375	0.375	g33b	c01v
212	0.25 0.625 0.625	210.0	84.25 32.57 217.0	74.93 12.21 217.0	0.375	0.375	g50b	c07v
213	0.25 0.625 0.75	223.9	81.12 31.09 229.7	77.4 15.55 229.7	0.25	0.5	g61b	c11v
214	0.25 0.625 0.875	233.4	79.03 31.67 238.4	79.74 19.79 238.4	0.125	0.625	g69b	c16v
215	0.25 0.625 1.0	240.0	77.61 32.62 244.4	82.06 24.47 244.4	0.0	0.75	g75b	c19v
216	0.25 0.75 0.0	130.9	86.92 72.5 140.0	78.18 54.37 140.0	0.25	0.75	j67g	l18c
217	0.25 0.75 0.125	139.1	87.34 57.84 149.5	79.5 36.15 149.5	0.25	0.625	j81g	l51c
218	0.25 0.75 0.25	150.0	87.84 46.47 162.2	80.76 23.23 162.2	0.25	0.5	j99g	l78c
219	0.25 0.75 0.375	163.9	88.31 40.61 174.9	80.99 20.31 174.9	0.25	0.5	g11b	l90c
220	0.25 0.75 0.5	180.0	88.81 36.84 189.6	81.24 18.42 189.6	0.25	0.5	g69b	l92c
221	0.25 0.75 0.625	190.9	88.55 34.59 199.5	82.03 17.02 199.5	0.25	0.5	g38b	c02v
222	0.25 0.75 0.75	210.0	84.25 32.57 217.0	80.79 16.28 217.0	0.25	0.5	g50b	c07v
223	0.25 0.75 0.875	220.9	81.8 31.41 226.9	81.47 19.63 226.9	0.125	0.625	g59b	c10v
224	0.25 0.75 1.0	229.1	79.97 31.04 234.4	83.83 23.28 234.4	0.0	0.75	g66b	c13v
225	0.25 0.875 0.0	133.9	87.09 66.4 143.5	82.69 58.1 143.5	0.125	0.875	j72g	l32c
226	0.25 0.875 0.125	141.0	87.44 59.37 151.8	84.0 41.53 151.8	0.125	0.75	j81g	l51c
227	0.25 0.875 0.25	150.0	87.84 46.47 162.2	85.25 29.04 162.2	0.125	0.625	j99g	l78c
228	0.25 0.875 0.375	160.9	88.21 41.32 172.2	85.48 25.82 172.2	0.125	0.625	g09b	l89c
229	0.25 0.875 0.5	173.4	88.6 38.39 183.6	85.72 23.99 183.6	0.125	0.625	g19b	l94c
230	0.25 0.875 0.625	186.6	89.02 35.3 195.6	85.98 22.06 195.6	0.125	0.625	g30b	l99c
231	0.25 0.875 0.75	199.1	86.7 33.72 207.0	84.54 21.07 207.0	0.125	0.625	g40b	c03v
232	0.25 0.875 0.875	210.0	84.25 32.57 217.0	83.0 20.35 217.0	0.125	0.625	g50b	c07v
233	0.25 0.875 1.0	219.0	82.24 31.62 225.2	85.53 23.71 225.2	0.0	0.75	g57b	c10v
234	0.25 1.0 0.0	136.1	87.2 62.53 146.0	87.2 62.53 146.0	0.0	1.0	j76g	l41c
235	0.25 1.0 0.125	142.4	87.5 53.64 153.4	88.49 46.93 153.4	0.0	0.875	j86g	l61c
236	0.25 1.0 0.25	150.0	87.84 46.47 162.2	89.73 34.85 162.2	0.0	0.75	j99g	l78c
237	0.25 1.0 0.375	158.9	88.15 41.77 170.4	89.96 31.33 170.4	0.0	0.75	g07b	l88c
238	0.25 1.0 0.5	169.1	88.47 39.39 179.7	90.2 29.55 179.7	0.0	0.75	g16b	l92c
239	0.25 1.0 0.625	180.0	88.81 36.84 189.6	90.46 27.63 189.6	0.0	0.75	g25b	l96c
240	0.25 1.0 0.75	190.9	88.55 34.59 199.5	90.27 25.94 199.5	0.0	0.75	g33b	c01v
241	0.25 1.0 0.875	201.1	86.27 33.51 208.8	88.55 25.14 208.8	0.0	0.75	g42b	c04v
242	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

KE610-7N, 31, table rgb->rgb*3 - LCH*a of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb*3; display reflection Lr=20%; Page 32/40

TUB-test chart KE61; 729 *rgb** colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: *rgb->rgb* setrgbcolor*
output: no change compared to input

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klau.s.richter/KE61/KE61L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n _{rgb}	rgb -> rgb*	h _{rgb}	L*, C* _{ab} , h _{ab} Ma,e	L*, C* _{ab} , h _{ab} Fa,e	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}
324	0.5	0.0	65.34	49.62	25.5	58.64	24.81	25.5
325	0.5	0.0	65.67	48.28	12.3	58.81	24.14	12.3
326	0.5	0.0	66.17	50.2	357.0	59.06	25.1	357.0
327	0.5	0.0	66.96	57.18	341.8	59.45	28.59	341.8
328	0.5	0.0	68.41	70.78	328.6	60.18	35.39	328.6
329	0.5	0.0	65.54	72.36	318.3	60.44	45.22	318.3
330	0.5	0.0	62.18	70.83	310.5	59.62	53.12	310.5
331	0.5	0.0	59.83	70.18	304.6	58.85	61.41	304.6
332	0.5	0.0	58.12	70.26	300.2	58.12	70.26	300.2
333	0.5	0.125	69.77	44.16	40.9	60.86	22.08	40.9
334	0.5	0.125	65.34	49.62	25.5	62.4	18.61	25.5
335	0.5	0.125	65.81	48.35	7.4	62.58	18.13	7.4
336	0.5	0.125	66.66	54.25	346.7	62.9	20.34	346.7
337	0.5	0.125	68.41	70.78	328.6	63.55	26.54	328.6
338	0.5	0.125	64.28	71.64	315.4	63.55	35.82	315.4
339	0.5	0.125	60.54	70.3	306.4	62.12	42.8	306.4
340	0.5	0.125	58.12	70.26	300.2	62.01	52.69	300.2
341	0.5	0.125	57.71	68.3	295.7	62.42	59.76	295.7
342	0.5	0.25	74.71	42.2	58.9	63.33	21.1	58.9
343	0.5	0.25	71.4	42.98	46.7	64.67	16.12	46.7
344	0.5	0.25	69.62	49.62	25.5	65.25	12.4	25.5
345	0.5	0.25	66.17	50.2	357.0	66.37	12.55	357.0
346	0.5	0.25	68.41	70.78	328.6	66.93	17.69	328.6
347	0.5	0.25	62.18	70.83	310.5	66.65	26.56	310.5
348	0.5	0.25	58.12	70.26	300.2	65.9	35.13	300.2
349	0.5	0.25	58.99	65.07	293.9	67.22	40.67	293.9
350	0.5	0.25	61.65	58.57	289.9	70.09	43.93	289.9
351	0.5	0.375	79.97	44.85	76.8	65.96	22.42	76.8
352	0.5	0.375	78.19	43.5	71.0	67.22	16.31	71.0
353	0.5	0.375	74.71	42.2	58.9	68.5	10.55	58.9
354	0.5	0.375	65.34	49.61	25.5	69.92	6.2	25.5
355	0.5	0.375	68.4	70.76	328.6	70.3	8.85	328.6
356	0.5	0.375	58.12	70.26	300.2	69.79	17.56	300.2
357	0.5	0.375	61.64	58.58	289.9	71.88	21.97	289.9
358	0.5	0.375	64.38	52.36	284.9	74.46	26.18	284.9
359	0.5	0.375	65.8	49.38	282.1	76.91	30.86	282.1
360	0.5	0.5	85.96	52.21	92.3	68.95	26.11	92.3
361	0.5	0.5	85.96	52.21	92.3	70.13	19.58	92.3
362	0.5	0.5	85.95	52.2	92.3	71.31	13.05	92.3
363	0.5	0.5	85.94	52.17	92.3	72.49	6.52	92.3
364	0.5	0.5	66.17	50.2	357.0	73.68	0.0	357.0
365	0.5	0.5	70.02	41.4	271.8	75.94	5.17	271.8
366	0.5	0.5	70.03	41.38	271.8	78.2	10.35	271.8
367	0.5	0.5	70.03	41.38	271.8	80.46	15.52	271.8
368	0.5	0.5	70.03	41.38	271.7	82.72	20.69	271.7
369	0.5	0.625	93.37	64.95	105.0	77.84	40.59	105.0
370	0.5	0.625	92.62	65.06	108.5	77.72	32.53	108.5
371	0.5	0.625	91.32	65.3	114.6	77.58	24.49	114.6
372	0.5	0.625	88.88	69.65	127.2	77.48	17.41	127.2
373	0.5	0.625	87.84	66.48	162.2	78.16	5.81	162.2
374	0.5	0.625	84.25	32.56	217.0	77.72	4.07	217.0
375	0.5	0.625	77.6	32.62	244.4	80.09	8.16	244.4
376	0.5	0.625	75.24	34.2	254.3	82.41	12.83	254.3
377	0.5	0.625	73.92	35.78	259.1	84.66	17.89	259.1
378	0.5	0.75	91.32	65.3	114.6	81.48	48.98	114.6
379	0.5	0.75	90.36	66.52	119.6	81.39	41.58	119.6
380	0.5	0.75	88.88	69.66	127.3	81.28	34.83	127.3
381	0.5	0.75	86.92	72.51	139.9	81.36	27.19	139.9
382	0.5	0.75	87.84	66.47	162.2	82.65	11.62	162.2
383	0.5	0.75	84.25	32.56	217.0	82.99	8.16	217.0
384	0.5	0.75	84.25	32.57	217.0	81.75	8.14	217.0
385	0.5	0.75	79.97	31.04	234.4	84.19	11.64	234.4
386	0.5	0.75	77.61	32.62	244.4	86.51	16.31	244.4
387	0.5	0.875	90.36	67.22	121.8	85.19	58.82	121.8
388	0.5	0.875	88.88	69.66	127.3	85.08	52.25	127.3
389	0.5	0.875	87.35	74.85	134.9	84.94	46.78	134.9
390	0.5	0.875	87.2	62.54	146.0	85.87	31.27	146.0
391	0.5	0.875	87.84	66.47	162.2	87.14	17.43	162.2
392	0.5	0.875	88.47	39.39	179.7	87.37	14.77	179.7
393	0.5	0.875	88.55	34.59	199.5	87.41	12.97	199.5
394	0.5	0.875	84.25	32.57	217.0	85.79	12.21	217.0
395	0.5	0.875	81.12	31.09	229.7	88.27	15.55	229.7
396	0.5	1.0	88.88	69.67	127.3	88.88	69.67	127.3
397	0.5	1.0	87.82	73.15	132.8	88.77	64.01	132.8
398	0.5	1.0	86.92	72.5	140.0	89.05	54.37	140.0
399	0.5	1.0	87.34	57.84	149.5	90.37	36.15	149.5
400	0.5	1.0	87.84	46.47	162.2	91.62	23.23	162.2
401	0.5	1.0	88.31	40.61	174.9	91.86	20.31	174.9
402	0.5	1.0	88.81	36.84	189.6	92.11	18.42	189.6
403	0.5	1.0	87.38	34.04	204.3	91.39	17.02	204.3
404	0.5	1.0	84.25	32.57	217.0	89.83	16.28	217.0

KE610-7N, 31, table rgb->rgb*3 - LCH*a of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb*3; display reflection Lr=20%; Page 33/40

TUB-test chart KE61; 729 rgb* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: $rgb \rightarrow rgb^* \rightarrow stgrbcolor$
output: no change compared to input

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems
TUB material: code=rha4ta

See original or copy: <http://web.me.com/klau.s.richter/KE61/KE61L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n _{rgb}	rgb → rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb → rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}
486	0.75 0.0 0.0	30.0	65.34 49.62 25.5	61.99 37.21 25.5	0.25	0.75	b99r	m96o	567	0.875 0.0 0.0	30.0	65.34 49.62 25.5	63.66 43.42 25.5	0.125	0.875	b99r	m96o
487	0.75 0.0 0.125	21.0	65.54 48.41 17.0	62.14 36.31 17.0	0.25	0.75	b92r	m77o	568	0.875 0.0 0.125	22.4	65.51 48.56 18.3	63.81 42.49 18.3	0.125	0.875	b93r	m80o
488	0.75 0.0 0.25	10.9	65.81 48.35 7.4	62.34 36.26 7.4	0.25	0.75	b83r	m63o	569	0.875 0.0 0.25	13.9	65.73 48.31 10.2	64.01 42.27 10.2	0.125	0.875	b86r	m67o
489	0.75 0.0 0.375	0.0	66.17 50.2 357.0	62.62 37.65 357.0	0.25	0.75	b75r	m47o	570	0.875 0.0 0.375	4.7	66.01 49.2 1.5	64.25 43.05 1.5	0.125	0.875	b78r	m54o
490	0.75 0.0 0.5	349.1	66.66 54.25 346.7	62.98 40.69 346.7	0.25	0.75	b66r	m30o	571	0.875 0.0 0.5	355.3						

See original or copy: <http://web.me.com/klaus.richter/KE61/KE61L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c_{Fa}	u_{Fa}	d_{Fa}
648	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
649	1.0 0.0 0.125	23.4	65.49 48.67 19.2	65.49 48.67 19.2	0.0	1.0	b94r	m81o
650	1.0 0.0 0.25	16.1	65.67 48.28 12.3	65.67 48.28 12.3	0.0	1.0	b88r	m70o
651	1.0 0.0 0.375	8.2	65.89 48.71 4.8	65.89 48.71 4.8	0.0	1.0	b81r	m59o
652	1.0 0.0 0.5	0.0	66.17 50.2 357.0	66.17 50.2 357.0	0.0	1.0	b75r	m47o
653	1.0 0.0 0.625	351.8	66.52 53.02 349.3	66.52 53.02 349.3	0.0	1.0	b68r	m34o
654	1.0 0.0 0.75	343.9	66.96 57.18 341.8	66.96 57.18 341.8	0.0	1.0	b61r	m21o
655	1.0 0.0 0.875	336.6	67.58 63.15 334.9	67.58 63.15 334.9	0.0	1.0	b55r	m10o
656	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
657	1.0 0.125 0.0	36.6	67.36 46.84 32.8	67.36 46.84 32.8	0.0	1.0	r11j	o20y
658	1.0 0.125 0.125	30.0	65.34 49.62 25.5	69.1 43.42 25.5	0.0	0.875	b99r	m96o
659	1.0 0.125 0.25	22.4	65.51 48.56 18.3	69.25 42.49 18.3	0.0	0.875	b93r	m80o
660	1.0 0.125 0.375	13.9	65.73 48.31 10.2	69.44 42.27 10.2	0.0	0.875	b86r	m67o
661	1.0 0.125 0.5	4.7	66.01 49.2 1.5	69.68 43.05 1.5	0.0	0.875	b78r	m54o
662	1.0 0.125 0.625	355.3	66.36 51.63 352.6	69.99 45.18 352.6	0.0	0.875	b71r	m40o
663	1.0 0.125 0.75	346.1	66.81 55.66 343.9	70.38 48.97 343.9	0.0	0.875	b63r	m25o
664	1.0 0.125 0.875	337.6	67.46 61.99 335.8	70.95 54.24 335.8	0.0	0.875	b56r	m12o
665	1.0 0.125 1.0	330.0	68.41 70.78 328.6	71.78 61.94 328.6	0.0	0.875	b50r	m04o
666	1.0 0.25 0.0	43.9	69.77 44.16 41.0	69.77 44.16 41.0	0.0	1.0	r23j	o33y
667	1.0 0.25 0.125	37.6	67.71 46.35 33.9	71.17 40.55 33.9	0.0	0.875	r13j	o22y
668	1.0 0.25 0.25	30.0	65.34 49.62 25.5	72.96 37.21 25.5	0.0	0.75	b99r	m96o
669	1.0 0.25 0.375	21.0	65.54 48.41 17.0	73.01 36.31 17.0	0.0	0.75	b92r	m77o
670	1.0 0.25 0.5	10.9	65.81 48.35 7.4	73.21 36.26 7.4	0.0	0.75	b83r	m63o
671	1.0 0.25 0.625	0.0	66.17 50.2 357.0	73.48 37.65 357.0	0.0	0.75	b75r	m47o
672	1.0 0.25 0.75	349.1	66.66 54.25 346.7	73.84 40.69 346.7	0.0	0.75	b66r	m30o
673	1.0 0.25 0.875	339.0	67.31 60.61 337.1	74.34 45.45 337.1	0.0	0.75	b57r	m13o
674	1.0 0.25 1.0	330.0	68.41 70.78 328.6	75.16 53.09 328.6	0.0	0.75	b50r	m04o
675	1.0 0.375 0.0	51.8	72.21 42.64 49.7	72.21 42.64 49.7	0.0	1.0	r36j	o44y
676	1.0 0.375 0.125	46.1	70.48 43.48 43.4	73.6 38.04 43.4	0.0	0.875	r27j	o36y
677	1.0 0.375 0.25	38.9	68.19 45.69 35.4	74.99 34.26 35.4	0.0	0.75	r15j	o25y
678	1.0 0.375 0.375	30.0	65.34 49.62 25.5	76.61 31.01 25.5	0.0	0.625	b99r	m96o
679	1.0 0.375 0.5	19.1	65.59 48.23 15.1	76.77 30.15 15.1	0.0	0.625	b90r	m75o
680	1.0 0.375 0.625	6.6	65.95 48.94 3.3	76.99 30.59 3.3	0.0	0.625	b80r	m56o
681	1.0 0.375 0.75	353.4	66.44 52.28 350.8	77.31 32.68 350.8	0.0	0.625	b69r	m37o
682	1.0 0.375 0.875	340.9	67.17 59.26 338.9	77.76 37.04 338.9	0.0	0.625	b59r	m16o
683	1.0 0.375 1.0	330.0	68.41 70.78 328.6	78.53 44.24 328.6	0.0	0.625	b50r	m04o
684	1.0 0.5 0.0	60.0	74.72 42.2 58.9	74.72 42.2 58.9	0.0	1.0	r49j	o54y
685	1.0 0.5 0.125	55.3	73.28 42.19 53.6	76.04 36.92 53.6	0.0	0.875	r42j	o48y
686	1.0 0.5 0.25	49.1	71.4 42.98 46.8	77.4 32.23 46.8	0.0	0.75	r32j	o41y
687	1.0 0.5 0.375	40.9	68.81 45.09 37.6	78.78 28.18 37.6	0.0	0.625	r18j	o28y
688	1.0 0.5 0.5	30.0	65.34 49.62 25.5	80.37 24.81 25.5	0.0	0.5	b99r	m96o
689	1.0 0.5 0.625	16.1	65.67 48.28 12.3	80.54 24.14 12.3	0.0	0.5	b88r	m70o
690	1.0 0.5 0.75	0.0	66.17 50.2 357.0	80.79 25.1 357.0	0.0	0.5	b75r	m47o
691	1.0 0.5 0.875	343.9	66.96 57.18 341.8	81.19 28.59 341.8	0.0	0.5	b61r	m21o
692	1.0 0.5 1.0	330.0	68.41 70.78 328.6	81.91 35.39 328.6	0.0	0.5	b50r	m04o
693	1.0 0.625 0.0	68.2	77.27 42.81 68.0	77.27 42.81 68.0	0.0	1.0	r63j	o64y
694	1.0 0.625 0.125	64.7	76.16 42.42 64.1	78.57 37.11 64.1	0.0	0.875	r57j	o60y
695	1.0 0.625 0.25	60.0	74.72 42.2 58.9	79.89 31.65 58.9	0.0	0.75	r49j	o54y
696	1.0 0.625 0.375	53.4	72.71 42.43 51.5	81.22 26.52 51.5	0.0	0.625	r39j	o46y
697	1.0 0.625 0.5	43.9	69.77 44.16 40.9	82.59 22.08 40.9	0.0	0.5	r23j	o33y
698	1.0 0.625 0.625	30.0	65.34 49.62 25.5	84.13 18.61 25.5	0.0	0.375	b99r	m96o
699	1.0 0.625 0.75	10.9	65.81 48.35 7.4	84.31 18.13 7.4	0.0	0.375	b83r	m63o
700	1.0 0.625 0.875	349.1	66.66 54.25 346.7	84.63 20.34 346.7	0.0	0.375	b66r	m30o
701	1.0 0.625 1.0	330.0	68.41 70.78 328.6	85.28 26.54 328.6	0.0	0.375	b50r	m04o
702	1.0 0.75 0.0	76.1	79.97 44.85 76.8	79.97 44.85 76.8	0.0	1.0	r76j	o72y
703	1.0 0.75 0.125	73.9	79.22 44.28 74.4	81.24 38.74 74.4	0.0	0.875	r72j	o70y
704	1.0 0.75 0.25	70.9	78.19 43.5 71.0	82.49 32.63 71.0	0.0	0.75	r67j	o67y
705	1.0 0.75 0.375	66.6	76.73 42.5 66.2	83.74 26.57 66.2	0.0	0.625	r60j	o62y
706	1.0 0.75 0.5	60.0	74.71 42.2 58.9	85.06 21.1 58.9	0.0	0.5	r49j	o54y
707	1.0 0.75 0.625	45.7	71.4 42.98 46.8	86.41 16.12 46.8	0.0	0.375	r32j	o41y
708	1.0 0.75 0.75	30.0	65.34 49.62 25.5	87.89 12.4 25.5	0.0	0.25	b99r	m96o
709	1.0 0.75 0.875	0.0	66.17 50.2 357.0	88.1 12.55 357.0	0.0	0.25	b75r	m47o
710	1.0 0.75 1.0	330.0	68.41 70.78 328.6	88.66 17.69 328.6	0.0	0.25	b50r	m04o
711	1.0 0.875 0.0	83.4	82.97 48.27 85.0	82.97 48.27 85.0	0.0	1.0	r88j	o80y
712	1.0 0.875 0.125	82.4	82.52 47.69 83.9	84.13 41.73 83.9	0.0	0.875	r83j	o79y
713	1.0 0.875 0.25	81.0	81.92 46.91 82.3	85.29 35.18 82.3	0.0	0.75	r84j	o78y
714	1.0 0.875 0.375	79.1	81.06 45.79 80.2	86.44 28.62 80.2	0.0	0.625	r81j	o76y
715	1.0 0.875 0.5	76.1	79.97 44.85 76.8	87.69 22.42 76.8	0.0	0.5	r76j	o72y
716	1.0 0.875 0.625	70.9	78.19 43.5 71.0	88.95 16.31 71.0	0.0	0.375	r67j	o67y
717	1.0 0.875 0.75	60.0	74.71 42.2 58.9	90.23 10.55 58.9	0.0	0.25	r49j	o54y
718	1.0 0.875 0.875	30.0	65.34 49.62 25.5	91.65 6.2 25.5	0.0	0.125	b99r	m96o
719	1.0 0.875 1.0	330.0	68.4 70.76 328.6	92.03 8.85 328.6	0.0	0.125	b50r	m04o
720	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
721	1.0 1.0 0.125	90.0	85.96 52.22 92.3	87.14 45.69 92.3	0.0	0.875	r99j	o88y
722	1.0 1.0 0.25	90.0	85.96 52.22 92.3	88.32 39.16 92.3	0.0	0.75	r99j	o88y
723	1.0 1.0 0.375	90.0	85.96 52.21 92.3	89.5 32.63 92.3	0.0	0.625	r99j	o88y
724	1.0 1.0 0.5	90.0	85.96 52.21 92.3	90.68 26.11 92.3	0.0	0.5	r99j	o88y
725	1.0 1.0 0.625	90.0	85.96 52.21 92.3	91.86 19.58 92.3	0.0	0.375	r99j	o88y
726	1.0 1.0 0.75	90.0	85.95 52.2 92.3	93.04 13.05 92.3	0.0	0.25	r99j	o88y
727	1.0 1.0 0.875	90.0	85.94 52.17 92.3	94.22 6.52 92.3	0.0	0.125	r99j	o88y
728	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

KE610-7N, 31, table $rgb \rightarrow rgb^*$ - LCH*a of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb^* ; display reflection $L_r=20\%$; Page 35/40

TUB-test chart KE61; 729 rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klau.s.richter/KE61/KE61L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C* _{ab} , h _{ab}] _{Ma,e}	[L*, C* _{ab} , h _{ab}] _{Fa,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}											
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	81	0.125	0.0	0.0	30.0	76.78	27.5	25.5	70.55	3.44	25.5	0.875	0.125	b99r	o13y
1	0.0	0.0	0.125	78.92	26.74	271.8	70.82	3.34	271.8	0.875	0.125	b00r	c39v	82	0.125	0.0	0.125	330.0	77.98	43.02	328.6	70.71	5.38	328.6	0.875	0.125	b50r	m04o
2	0.0	0.0	0.25	78.93	26.73	271.8	71.98	6.68	271.8	0.75	0.25	b00r	c39v	83	0.125	0.0	0.25	300.0	73.2	41.38	300.2	70.55	10.35	300.2	0.75	0.25	b25r	v42m
3	0.0	0.0	0.375	78.93	26.73	271.8	73.14	10.02	271.8	0.625	0.375	b00r	c39v	84	0.125	0.0	0.375	289.1	73.43	37.84	289.9	71.08	14.19	289.9	0.625	0.375	b16r	c78v
4	0.0	0.0	0.5	78.93	26.73	271.7	74.3	13.36	271.7	0.5	0.5	b00r	c39v	85	0.125	0.0	0.5	283.9	75.27	33.67	284.9	72.47	16.83					

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

V L O Y M C										V L O Y M C																
n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C _{ab} *, h _{ab}] _{Ma,e}	[L*, C _{ab} *, h _{ab}] _{La,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C _{ab} *, h _{ab}] _{Ma,e}	[L*, C _{ab} *, h _{ab}] _{La,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}	n _{rgb}	rgb -> rgb*	h _{rgb}	[L*, C _{ab} *, h _{ab}] _{Ma,e}	[L*, C _{ab} *, h _{ab}] _{La,e}	n _{Fa}	c _{Fa}	u _{Fa}	d _{Fa}
162	0.25 0.0 0.0	30.0	76.78 27.5 25.5	71.44 6.87 25.5	0.75	0.25	b99r	o13y	243	0.375 0.0 0.0	30.0	76.78 27.5 25.5	72.33 10.31 25.5	0.625	0.375	b99r	o13y	243	0.375 0.0 0.0	30.0	76.78 27.5 25.5	72.33 10.31 25.5	0.625	0.375	b99r	o13y
163	0.25 0.0 0.125	0.0	76.79 29.66 357.0	71.45 7.41 357.0	0.75	0.25	b75r	m47o	244	0.375 0.0 0.125	10.9	76.57 28.3 7.4	72.26 10.61 7.4	0.625	0.375	b83r	m64o	244	0.375 0.0 0.125	10.9	76.57 28.3 7.4	72.26 10.61 7.4	0.625	0.375	b83r	m64o
164	0.25 0.0 0.25	330.0	77.98 43.02 328.6	71.74 10.76 328.6	0.75	0.25	b50r	m04o	245	0.375 0.0 0.25	349.1	77.06 32.34 346.7	72.44 12.13 346.7	0.625	0.375	b66r	m29o	245	0.375 0.0 0.25	349.1	77.06 32.34 346.7	72.44 12.13 346.7	0.625	0.375	b66r	m29o
165	0.25 0.0 0.375	310.9	75.19 42.64 310.5	71.74																						

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

n _{rgb} rgb -> rgb*3												n _{rgb} rgb -> rgb*3																			
h _{rgb}				[L*, C* _{ab} , h _{ab}]Mae				[L*, C* _{ab} , h _{ab}]Fae				n _{Fa} c _{Fa} u _{Fa} d _{Fa}				h _{rgb}				[L*, C* _{ab} , h _{ab}]Mae				[L*, C* _{ab} , h _{ab}]Fae				n _{Fa} c _{Fa} u _{Fa} d _{Fa}			
324	0.5	0.0	0.0	30.0	76.78	27.5	25.5	73.22	13.75	25.5	0.5	0.5	b99r	o13y	405	0.625	0.0	0.0	30.0	76.78	27.5	25.5	74.11	17.19	25.5	0.375	0.625	b99r	o13y		
325	0.5	0.0	0.125	16.1	76.49	28.05	12.3	73.08	14.03	12.3	0.5	0.5	b88r	m72o	406	0.625	0.0	0.125	19.1	76.44	27.99	15.1	73.9	17.49	15.1	0.375	0.625	b90r	m77o		
326	0.5	0.0	0.25	0.0	76.79	29.66	357.0	73.23	14.83	357.0	0.5	0.5	b75r	m47o	407	0.625	0.0	0.25	6.6	76.65	28.73	3.3	74.03	17.96	3.3	0.375	0.625	b80r	m57o		
327	0.5	0.0	0.375	343.9	77.23	34.25	341.8	73.45	17.13	341.8	0.5	0.5	b61r	m21o	408	0.625	0.0	0.375	353.4	76.94	31.08	350.8	74.21	19.43	350.8	0.375	0.625	b69r	m36o		
328	0.5	0.0	0.5	330.0	77.98	43.03	328.6	73.82	21.51	328.6	0.5	0.5	b50r	m04o	409	0.625	0.0	0.5	340.9	77.34	35.57	338.9	74.46	22.23	338.9	0.375	0.625	b59r	m16o		
329	0.5	0.0	0.625	319.1	76.89	44.5																									

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

nrgb															nrgb														
rgb -> rgb3															rgb -> rgb3														
h_rgb															h_rgb														
[L*, C*_ab, h_ab]_Mae															[L*, C*_ab, h_ab]_Mae														
[L*, C*_ab, h_ab]_Fae															[L*, C*_ab, h_ab]_Fae														
n_Fa															n_Fa														
c_Fa															c_Fa														
u_Fa															u_Fa														
d_Fa															d_Fa														
486	0.75	0.0	0.0	30.0	76.78	27.5	25.5	75.0	20.62	25.5	0.25	0.75	b99r	o13v	567	0.875	0.0	0.0	30.0	76.78	27.5	25.5	75.89	24.06	25.5	0.125	0.875	b99r	o13v
487	0.75	0.0	0.125	21.0	76.41	28.01	17.0	74.72	21.01	17.0	0.25	0.75	b92r	m81o	568	0.875	0.0	0.125	22.4	76.39	28.02	18.3	75.55	24.52	18.3	0.125	0.875	b93r	m83o
488	0.75	0.0	0.25	10.9	76.57	28.44	7.4	75.85	10.9	7.4	0.25	0.75	b92r	m81o	569	0.875	0.0	0.25	16.7	76.57	28.44	7.4	75.85	10.9	7.4	0.125	0.875	b86r	m54o
489	0.75	0.0	0.375	0.0	76.79	29.66	357.0	75.01	22.24	357.0	0.25	0.75	b75r	m47o	570	0.875	0.0	0.375	4.7	76.69	28.94	1.5	75.81	25.32	1.5	0.125	0.875	b78r	m54o
490	0.75	0.0	0.5	349.1	77.06	32.34	346.7	75.21	24.26	346.7	0.25	0.75	b66r	m29o	571	0.875	0.0	0.5	355.3	76.9	30.62	352.6	75.99	26.8	352.6	0.125	0.875	b71r	m39o
491	0.75	0.0	0.625	339.0	77.42	36.42	337.1	75.48	27.22	337.1	0.25	0.75	b57r	m13o	572	0.875	0.0	0.625	346.1	77.15	33.28	343.9	76.21	29.12	343.9	0.125	0.875	b63r	m24o
492	0.75	0.0	0.75	330.0	77.98	43.03	328.6	75.9	32.27	328.6	0.25	0.75	b50r	m04o	573	0.875	0.0	0.75	337.6	77.49	37.29	335.8	76.51	32.63	335.8	0.125	0.875	b56r	m12o
493	0.75	0.0	0.875	322.4	77.62	45.61	321.4	76.63	39.91	321.4	0.125	0.875	b43r	v95m	574	0.875	0.0	0.875	330.0	77.98	43.03	328.6	76.94	37.65	328.6	0.125	0.875	b57o	m04o
494	0.75	0.0	1.0	316.1	76.24	43.76	315.4	76.24	43.76	315.4	0.0	1.0	b38r	v85m	575	0.875	0.0	1.0	323.4	77.84	45.92	322.4	77.84	45.92	322.4	0.0	1.0	b47r	v97m
495	0.75	0.125	0.0	38.9	78.59	25.26	35.4	76.36	18.94	35.4	0.25	0.75	r15j	o31v	576	0.875	0.125	0.0	37.6	78.33	25.51	33.9	77.25	22.32	33.9	0.125	0.875	r13j	o29v
496	0.75	0.125	0.125	30.0	76.78	27.5	25.5	77.33	17.19	25.5	0.25	0.625	b99r	o13v	577	0.875	0.125	0.125	30.0	76.78	27.5	25.5	78.22	20.62	25.5	0.125	0.75	b99r	o13v
497	0.75	0.125	0.25	19.1	76.44	27.99	15.1	77.12	17.49	15.1	0.25	0.625	b90r	m77o	578	0.875	0.125	0.25	21.0	76.41	28.01	17.0	77.94	21.01	17.0	0.125	0.75	b92r	m81o
498	0.75	0.125	0.375	6.6	76.65	28.73	3.3	77.25	17.96	3.3	0.25	0.625	b80r	m57o	579	0.875	0.125	0.375	10.9	76.57	28.3	7.4	78.06	21.22	7.4	0.125	0.75	b83r	m64o
499	0.75	0.125	0.5	353.4	76.94	31.08	350.8	77.43	19.43	350.8	0.25	0.625	b69r	m36o	580	0.875	0.125	0.5	0.0	76.79	29.66	357.0	78.23	22.24	357.0	0.125	0.75	b75r	m47o
500	0.75	0.125	0.625	340.9	77.34	35.57	338.9	77.68	22.23	338.9	0.25	0.625	b59r	m16o	581	0.875	0.125	0.625	349.1	77.06	32.34	346.7	78.43	24.26	346.7	0.125	0.75	b66r	m29o
501	0.75	0.125	0.75	330.0	77.98	43.03	328.6	78.08	26.89	328.6	0.25	0.625	b50r	m04o	582	0.875	0.125	0.75	339.0	77.42	36.42	337.1	78.7	27.32	337.1	0.125	0.75	b57r	m13o
502	0.75	0.125	0.875	321.1	77.32	45.19	320.1	78.62	33.9	320.1	0.125	0.75	b42r	v93m	583	0.875	0.125	0.875	330.0	77.98	43.03	328.6	79.12	32.27	328.6	0.125	0.75	b50r	m04o
503	0.75	0.125	1.0	313.9	75.79	43.26	313.4	78.24	37.85	313.4	0.0	0.875	b36r	v80m	584	0.875	0.125	1.0	322.4	77.62	45.61	321.4	79.85	39.91	321.4	0.0	0.875	b43r	v95m
504	0.75	0.25	0.0	49.1	80.43	23.97	46.8	77.74	17.98	46.8	0.25	0.75	r12j	o45v	585	0.8													

TUB-test chart KE61; 729 *rgb** colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

input: *rgb*->*rgb** *setrgbcolor*
output: *no change compared to input*

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/KE61/KE61L0NP.PDF> /.PS
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n_{rgb}	$rgb \rightarrow rgb^*$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$[L^*, C^*_{ab}, h_{ab}]_{Fa,e}$	n_{Fa}	c_{Fa}	u_{Fa}	d_{Fa}
648	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
649	1.0 0.0 0.125	23.4	76.37 28.03 19.2	76.37 28.03 19.2	0.0	1.0	b94r	m85o
650	1.0 0.0 0.25	16.1	76.49 28.05 12.3	76.49 28.05 12.3	0.0	1.0	b88r	m72o
651	1.0 0.0 0.375	8.2	76.62 28.55 4.8	76.62 28.55 4.8	0.0	1.0	b81r	m59o
652	1.0 0.0 0.5	0.0	76.79 29.66 357.0	76.79 29.66 357.0	0.0	1.0	b75r	m47o
653	1.0 0.0 0.625	351.8	76.99 31.56 349.3	76.99 31.56 349.3	0.0	1.0	b68r	m33o
654	1.0 0.0 0.75	343.9	77.23 34.25 341.8	77.23 34.25 341.8	0.0	1.0	b61r	m21o
655	1.0 0.0 0.875	336.6	77.56 38.05 334.9	77.56 38.05 334.9	0.0	1.0	b55r	m11o
656	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
657	1.0 0.125 0.0	36.6	78.14 25.7 32.8	78.14 25.7 32.8	0.0	1.0	r11j	o27y
658	1.0 0.125 0.125	30.0	76.78 27.5 25.5	79.11 24.06 25.5	0.0	0.875	b99r	o13y
659	1.0 0.125 0.25	22.4	76.39 28.02 18.3	78.76 24.52 18.3	0.0	0.875	b93r	m83o
660	1.0 0.125 0.375	13.9	76.52 28.16 10.2	78.88 24.64 10.2	0.0	0.875	b86r	m69o
661	1.0 0.125 0.5	4.7	76.69 28.94 1.5	79.03 25.32 1.5	0.0	0.875	b78r	m54o
662	1.0 0.125 0.625	355.3	76.9 30.62 352.6	79.21 26.8 352.6	0.0	0.875	b71r	m39o
663	1.0 0.125 0.75	346.1	77.15 33.12 343.9	79.12 29.12 343.9	0.0	0.875	b63r	m28o
664	1.0 0.125 0.875	337.6	77.49 37.29 335.8	79.73 32.63 335.8	0.0	0.875	b56r	m12o
665	1.0 0.125 1.0	330.0	77.98 43.03 328.6	80.16 37.65 328.6	0.0	0.875	b50r	m04o
666	1.0 0.25 0.0	43.9	79.51 24.42 41.0	79.51 24.42 41.0	0.0	1.0	r23j	o39y
667	1.0 0.25 0.125	37.6	78.33 25.51 33.9	80.46 22.32 33.9	0.0	0.875	r13j	o29y
668	1.0 0.25 0.25	30.0	76.78 27.5 25.5	81.44 20.62 25.5	0.0	0.75	b99r	o13y
669	1.0 0.25 0.375	21.0	76.41 28.01 17.0	81.16 21.01 17.0	0.0	0.75	b92r	m81o
670	1.0 0.25 0.5	10.9	76.57 28.3 7.4	81.28 21.22 7.4	0.0	0.75	b83r	m64o
671	1.0 0.25 0.625	0.0	76.79 29.66 357.0	81.44 22.24 357.0	0.0	0.75	b75r	m47o
672	1.0 0.25 0.75	349.1	77.06 32.34 346.7	81.65 24.26 346.7	0.0	0.75	b66r	m29o
673	1.0 0.25 0.875	339.0	77.42 36.42 337.1	81.91 27.32 337.1	0.0	0.75	b57r	m13o
674	1.0 0.25 1.0	330.0	77.98 43.03 328.6	82.34 32.27 328.6	0.0	0.75	b50r	m04o
675	1.0 0.375 0.0	51.8	80.9 23.74 49.7	80.9 23.74 49.7	0.0	1.0	r36j	o49y
676	1.0 0.375 0.125	46.1	79.9 24.23 43.4	81.84 21.2 43.4	0.0	0.875	r27j	o41y
677	1.0 0.375 0.25	38.9	78.59 25.26 35.4	82.79 18.94 35.4	0.0	0.75	r15j	o31y
678	1.0 0.375 0.375	30.0	76.78 27.5 25.5	83.76 17.19 25.5	0.0	0.625	b99r	o13y
679	1.0 0.375 0.5	19.1	76.44 27.99 15.1	83.55 17.49 15.1	0.0	0.625	b90r	m77o
680	1.0 0.375 0.625	6.6	76.65 28.73 3.3	83.69 17.96 3.3	0.0	0.625	b80r	m57o
681	1.0 0.375 0.75	353.4	76.94 31.08 350.8	83.87 19.43 350.8	0.0	0.625	b69r	m36o
682	1.0 0.375 0.875	340.9	77.34 35.57 338.9	84.12 22.23 338.9	0.0	0.625	b59r	m16o
683	1.0 0.375 1.0	330.0	77.98 43.03 328.6	84.52 26.89 328.6	0.0	0.625	b50r	m04o
684	1.0 0.5 0.0	60.0	82.34 23.76 58.9	82.34 23.76 58.9	0.0	1.0	r49j	o58y
685	1.0 0.5 0.125	55.3	81.52 23.68 53.6	83.25 20.72 53.6	0.0	0.875	r42j	o53y
686	1.0 0.5 0.25	49.1	80.43 23.97 46.8	84.18 17.98 46.8	0.0	0.75	r32j	o45y
687	1.0 0.5 0.375	40.9	78.96 24.89 37.6	85.13 15.56 37.6	0.0	0.625	r18j	o34y
688	1.0 0.5 0.5	30.0	76.78 27.5 25.5	86.09 13.75 25.5	0.0	0.5	b99r	o13y
689	1.0 0.5 0.625	16.1	76.49 28.05 12.3	85.95 14.03 12.3	0.0	0.5	b88r	m72o
690	1.0 0.5 0.75	0.0	76.79 29.66 357.0	86.1 14.83 357.0	0.0	0.5	b75r	m47o
691	1.0 0.5 0.875	343.9	77.23 34.25 341.8	86.32 17.13 341.8	0.0	0.5	b61r	m21o
692	1.0 0.5 1.0	330.0	77.98 43.03 328.6	86.7 21.51 328.6	0.0	0.5	b50r	m04o
693	1.0 0.625 0.0	68.2	83.83 24.38 68.0	83.83 24.38 68.0	0.0	1.0	r63j	o66y
694	1.0 0.625 0.125	64.7	83.16 23.88 64.1	84.69 20.9 64.1	0.0	0.875	r57j	o63y
695	1.0 0.625 0.25	60.0	82.34 23.76 58.9	85.6 17.82 58.9	0.0	0.75	r49j	o58y
696	1.0 0.625 0.375	53.4	81.19 23.65 51.5	86.52 14.78 51.5	0.0	0.625	r39j	o51y
697	1.0 0.625 0.5	43.9	79.51 24.42 40.9	87.46 12.21 40.9	0.0	0.5	r23j	o39y
698	1.0 0.625 0.625	30.0	76.78 27.5 25.5	88.42 10.31 25.5	0.0	0.375	b99r	o13y
699	1.0 0.625 0.75	10.9	76.57 28.3 7.4	88.35 10.61 7.4	0.0	0.375	b83r	m64o
700	1.0 0.625 0.875	349.1	77.06 32.34 346.7	88.53 12.13 346.7	0.0	0.375	b66r	m29o
701	1.0 0.625 1.0	330.0	77.98 43.03 328.6	88.87 16.14 328.6	0.0	0.375	b50r	m04o
702	1.0 0.75 0.0	76.1	85.35 25.5 76.8	85.35 25.5 76.8	0.0	1.0	r76j	o74y
703	1.0 0.75 0.125	73.9	84.93 25.19 74.4	86.24 22.04 74.4	0.0	0.875	r72j	o72y
704	1.0 0.75 0.25	70.9	84.35 24.76 71.0	87.11 18.57 71.0	0.0	0.75	r67j	o69y
705	1.0 0.75 0.375	66.6	83.52 24.15 66.2	87.98 15.09 66.2	0.0	0.625	r60j	o65y
706	1.0 0.75 0.5	60.0	82.33 23.76 58.9	88.87 11.88 58.9	0.0	0.5	r49j	o58y
707	1.0 0.75 0.625	49.1	80.43 23.97 46.8	89.79 8.99 46.7	0.0	0.375	r37j	o45y
708	1.0 0.75 0.75	30.0	76.78 27.5 25.5	90.75 6.87 25.5	0.0	0.25	b99r	o13y
709	1.0 0.75 0.875	0.0	76.79 29.66 357.0	90.75 7.41 357.0	0.0	0.25	b75r	m47o
710	1.0 0.75 1.0	330.0	77.98 43.02 328.6	91.05 10.76 328.6	0.0	0.25	b50r	m04o
711	1.0 0.875 0.0	83.4	87.13 27.79 85.0	87.13 27.79 85.0	0.0	1.0	r88j	o81y
712	1.0 0.875 0.125	82.4	86.98 27.45 83.9	87.95 24.02 83.9	0.0	0.875	r83j	o80y
713	1.0 0.875 0.25	81.0	86.54 26.98 82.3	88.75 20.24 82.3	0.0	0.75	r84j	o79y
714	1.0 0.875 0.375	79.1	86.04 26.32 80.2	89.56 16.45 80.2	0.0	0.625	r81j	o77y
715	1.0 0.875 0.5	76.1	85.35 25.5 76.8	90.38 12.75 76.8	0.0	0.5	r76j	o74y
716	1.0 0.875 0.625	70.9	84.35 24.76 71.0	91.26 9.29 71.0	0.0	0.375	r67j	o69y
717	1.0 0.875 0.75	60.0	82.33 23.76 58.9	92.14 5.94 58.9	0.0	0.25	r49j	o58y
718	1.0 0.875 0.875	30.0	76.78 27.5 25.5	93.08 3.44 25.5	0.0	0.125	b99r	o13y
719	1.0 0.875 1.0	330.0	77.98 43.02 328.6	93.23 5.38 328.6	0.0	0.125	b50r	m04o
720	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
721	1.0 1.0 0.125	90.0	88.8 30.05 92.3	89.63 26.3 92.3	0.0	0.875	r99j	o88y
722	1.0 1.0 0.25	90.0	88.8 30.05 92.3	90.46 22.54 92.3	0.0	0.75	r99j	o88y
723	1.0 1.0 0.375	90.0	88.8 30.05 92.3	91.28 18.78 92.3	0.0	0.625	r99j	o88y
724	1.0 1.0 0.5	90.0	88.8 30.05 92.3	92.11 15.03 92.3	0.0	0.5	r99j	o88y
725	1.0 1.0 0.625	90.0	88.8 30.05 92.3	92.93 11.27 92.3	0.0	0.375	r99j	o88y
726	1.0 1.0 0.75	90.0	88.8 30.04 92.3	93.76 7.51 92.3	0.0	0.25	r99j	o88y
727	1.0 1.0 0.875	90.0	88.79 30.03 92.3	94.58 3.75 92.3	0.0	0.125	r99j	o87y
728	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

KE610-7N, 36, table $rgb \rightarrow rgb^*3 - LCH^*a$ of 729 colours of 9x9x9 (=729) colour grid; elementary colour coordinates rgb^*3 ; display reflection $L_r=40\%$; Page 40/40

TUB-test chart KE61; 729 rgb^* colours of 9x9x9 grid
LECD display: CIELAB data of colours Ma and Fa

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

TUB registration: 20100801-KE61/KE61L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta