

Siehe Original/Kopie: <http://web.me.com/klaustrichter/KG84/KG84L0NA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG84/KG84L0NA.TXT /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Interpretation $rgb \rightarrow olv^*$ - und CIELAB-Daten von einem 48-stufigem Geräte-Bunttonkreis für LECD-display (wenig Glanz) mit der Leuchtdichte-Reflexion $L_r=0\%$ verglichen mit der weissen Referenz (100%)
48-stufiger Geräte-Bunttonkreis mit 6 Geräte-Bunttönen $OYL\bar{C}VM$: $h_{aba} = 46.0, 101.2, 131.0, 196.6, 306.1, 326.8$
Vergleich mit vier Elementar-Bunttönen $R\bar{J}GB$: $h_{aba} = 25.5, 92.3, 162.2, 271.7$, und C^*M^* = 217.0, 328.6
9-stufige gleichabständige Graureihe: $L^* = 0.0, 11.9, 23.9, 35.8, 47.7, 59.6, 71.6, 83.5, 95.4$

d_{Ma}	h_{rgb}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,d}$	$rgb \rightarrow olv^*_{Ma}$	d_{Ma}	h_{rgb}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,d}$	$rgb \rightarrow olv^*_{Ma}$
o00y=O	30.0	57.5 55.6 82.0 99.1	55.8 1.000 0.000 0.000	c00v=C	210.0	85.0 -68.2 33.7 76.2	153.7 0.000 1.000 0.000
o12y	36.6	58.5 52.8 82.3 97.8	57.3 1.000 0.125 0.000	c12v	216.6	67.3 -14.7 -46.0 48.5	252.2 0.000 0.875 1.000
o25y	43.9	61.3 45.6 83.6 95.2	61.4 1.000 0.250 0.000	c25v	223.9	43.3 38.6 -86.0 94.3	294.2 0.000 0.500 1.000
o37y	51.8	64.9 36.5 85.4 92.9	66.9 1.000 0.375 0.000	c37v	231.8	29.9 78.3 -108.4 133.8	305.8 0.000 0.625 1.000
o50y	60.0	69.3 25.8 88.2 92.0	73.7 1.000 0.500 0.000	c50v	240.0	31.5 80.3 -105.4 132.6	307.3 0.000 0.500 1.000
o62y	68.2	74.7 13.8 92.4 93.4	81.5 1.000 0.625 0.000	c62v	248.2	34.9 81.3 -99.6 128.6	309.2 0.000 0.375 1.000
o75y	76.1	81.5 -0.2 98.3 98.3	90.2 1.000 0.750 0.000	c75v	256.1	38.0 82.5 -94.1 125.2	311.2 0.000 0.250 1.000
o87y	83.4	91.8 -19.3 107.8 109.6	100.2 1.000 0.875 0.000	c87v	263.4	40.8 84.0 -89.5 122.8	313.1 0.000 0.125 1.000
y00l=Y	90.0	90.1 -36.6 104.6 110.8	109.3 1.000 1.000 0.000	v00m=V	270.0	41.9 84.6 -87.7 121.9	313.9 0.000 0.000 1.000
y12l	96.6	88.6 -46.3 102.3 112.3	114.4 0.875 1.000 0.000	v12m	276.6	42.1 84.8 -87.3 121.7	314.1 0.125 0.000 1.000
y25l	103.9	87.7 -52.2 101.2 113.9	117.3 0.750 1.000 0.000	v25m	283.9	42.8 85.2 -86.1 121.2	314.7 0.250 0.000 1.000
y37l	111.8	87.1 -56.9 100.1 115.2	119.7 0.625 1.000 0.000	v37m	291.8	43.7 85.8 -84.5 120.5	315.4 0.375 0.000 1.000
y50l	120.0	86.7 -60.2 99.6 116.4	121.2 0.500 1.000 0.000	v50m	300.0	44.9 86.5 -82.4 119.6	316.4 0.500 0.000 1.000
y62l	128.2	86.3 -62.9 99.0 117.4	122.5 0.375 1.000 0.000	v62m	308.2	46.3 87.3 -79.9 118.4	317.5 0.625 0.000 1.000
y75l	136.1	86.1 -64.9 98.7 118.2	123.4 0.250 1.000 0.000	v75m	316.1	48.3 88.9 -76.6 117.4	319.2 0.750 0.000 1.000
y87l	143.4	85.9 -66.5 98.5 118.8	124.1 0.125 1.000 0.000	v87m	323.4	50.6 90.6 -72.8 116.2	321.2 0.875 0.000 1.000
l00c=L	150.0	85.8 -67.1 98.4 119.1	124.3 0.000 1.000 0.000	m00o=M	330.0	55.2 94.6 -65.0 114.8	325.5 1.000 0.000 1.000
l12c	156.6	85.6 -68.9 98.1 119.5	125.1 0.000 1.000 0.125	m12o	336.6	53.8 89.8 -36.3 96.9	337.9 1.000 0.000 0.875
l25c	163.9	85.2 -72.4 97.5 121.9	126.6 0.000 1.000 0.250	m25o	343.9	52.9 87.2 -24.5 90.5	344.3 1.000 0.000 0.750
l37c	171.8	84.8 -75.4 97.1 123.0	127.9 0.000 1.000 0.375	m37o	351.8	52.2 84.9 -12.6 85.8	351.5 1.000 0.000 0.625
l50c	180.0	84.5 -78.4 96.6 124.5	129.1 0.000 1.000 0.500	m50o	360.0	51.4 82.5 2.2 82.5	1.5 1.000 0.000 0.500
l62c	188.2	84.2 -81.5 96.1 126.1	130.3 0.000 1.000 0.625	m62o	368.2	50.8 80.0 24.3 83.6	16.9 1.000 0.000 0.375
l75c	196.1	84.0 -83.0 96.0 127.0	130.9 0.000 1.000 0.750	m75o	376.1	50.2 77.7 63.1 100.1	39.1 1.000 0.000 0.250
l87c	203.4	84.1 -82.0 85.3 118.4	133.9 0.000 1.000 0.875	m87o	383.4	52.5 69.5 80.5 106.3	49.2 1.000 0.000 0.125

KG840-3N, 1

Interpretation $rgb \rightarrow olv^*$ - und CIELAB-Daten von einem 48-stufigem Geräte-Bunttonkreis für LECD-display (wenig Glanz) mit der Leuchtdichte-Reflexion $L_r=0.6\%$ verglichen mit der weissen Referenz (100%)
48-stufiger Geräte-Bunttonkreis mit 6 Geräte-Bunttönen $OYL\bar{C}VM$: $h_{aba} = 43.3, 101.4, 131.4, 196.6, 305.6, 326.8$
Vergleich mit vier Elementar-Bunttönen $R\bar{J}GB$: $h_{aba} = 25.5, 92.3, 162.2, 271.7$, und C^*M^* = 217.0, 328.6
9-stufige gleichabständige Graureihe: $L^* = 5.0, 16.3, 27.6, 38.9, 50.2, 61.5, 72.8, 84.1, 95.4$

d_{Ma}	h_{rgb}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,d}$	$rgb \rightarrow olv^*_{Ma}$	d_{Ma}	h_{rgb}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,d}$	$rgb \rightarrow olv^*_{Ma}$
o00y=O	30.0	56.5 58.6 74.5 94.8	51.8 1.000 0.000 0.000	c00v=C	210.0	85.0 -67.4 33.3 75.3	153.8 1.000 1.000 0.000
o12y	36.6	57.6 55.7 75.4 93.7	53.5 1.000 0.125 0.000	c12v	216.6	67.4 -14.2 -45.8 48.0	252.6 0.000 0.875 1.000
o25y	43.9	60.4 48.0 77.2 90.9	58.1 1.000 0.250 0.000	c25v	223.9	44.0 37.8 -84.8 92.9	294.0 0.000 0.500 1.000
o37y	51.8	64.3 38.1 80.2 88.8	64.6 1.000 0.375 0.000	c37v	231.8	31.3 75.0 -106.0 129.9	305.3 0.000 0.625 1.000
o50y	60.0	69.0 26.8 84.0 88.1	72.3 1.000 0.500 0.000	c50v	240.0	32.8 77.2 -103.2 129.0	306.8 0.000 0.500 1.000
o62y	68.2	74.5 14.5 88.7 89.9	80.7 1.000 0.625 0.000	c62v	248.2	35.9 78.6 -97.8 125.6	308.7 0.000 0.375 1.000
o75y	76.1	81.5 0.0 95.2 95.2	90.0 1.000 0.750 0.000	c75v	256.1	38.9 80.1 -92.7 122.6	310.8 0.000 0.250 1.000
o87y	83.4	91.9 -19.2 105.4 107.2	100.4 1.000 0.875 0.000	c87v	263.4	41.4 81.7 -88.4 120.5	312.7 0.000 0.125 1.000
y00l=Y	90.0	90.1 -36.5 102.2 108.5	109.7 1.000 1.000 0.000	v00m=V	270.0	42.4 82.4 -86.8 119.7	313.5 0.000 0.000 1.000
y12l	96.6	88.6 -46.2 99.8 110.0	114.9 0.875 1.000 0.000	v12m	276.6	42.7 82.6 -86.3 119.5	313.7 0.125 0.000 1.000
y25l	103.9	87.7 -52.0 98.7 111.6	117.8 0.750 1.000 0.000	v25m	283.9	43.4 83.1 -85.2 119.1	314.2 0.250 0.000 1.000
y37l	111.8	87.1 -56.7 97.7 113.0	120.2 0.625 1.000 0.000	v37m	291.8	44.3 83.7 -83.6 118.4	315.0 0.375 0.000 1.000
y50l	120.0	86.7 -59.9 97.1 114.1	121.7 0.500 1.000 0.000	v50m	300.0	45.5 84.6 -81.5 117.5	316.0 0.500 0.000 1.000
y62l	128.2	86.3 -62.7 96.5 115.1	123.0 0.375 1.000 0.000	v62m	308.2	46.9 85.5 -79.0 116.5	317.2 0.625 0.000 1.000
y75l	136.1	86.1 -64.6 96.2 115.9	123.9 0.250 1.000 0.000	v75m	316.1	48.8 87.2 -75.8 115.5	319.0 0.750 0.000 1.000
y87l	143.4	85.9 -66.1 96.0 116.6	124.6 0.125 1.000 0.000	v87m	323.4	51.1 89.0 -71.9 114.5	321.0 0.875 0.000 1.000
l00c=L	150.0	85.9 -66.7 95.9 116.9	124.9 0.000 1.000 0.000	m00o=M	330.0	55.6 93.2 -64.3 113.2	325.3 1.000 0.000 1.000
l12c	156.6	85.7 -68.4 95.6 117.6	125.6 0.000 1.000 0.125	m12o	336.6	54.3 88.4 -35.8 95.4	337.9 1.000 0.000 0.875
l25c	163.9	85.3 -71.7 95.1 119.2	127.1 0.000 1.000 0.250	m25o	343.9	53.4 85.8 -24.0 89.1	344.3 1.000 0.000 0.750
l37c	171.8	84.9 -74.6 94.6 120.6	128.3 0.000 1.000 0.375	m37o	351.8	52.7 83.5 -12.3 84.4	351.5 1.000 0.000 0.625
l50c	180.0	84.6 -77.5 94.2 122.1	129.5 0.000 1.000 0.500	m50o	360.0	52.0 81.1 2.2 81.1	1.5 1.000 0.000 0.500
l62c	188.2	84.3 -80.6 93.7 123.6	130.7 0.000 1.000 0.625	m62o	368.2	51.3 78.6 23.2 82.0	16.5 1.000 0.000 0.375
l75c	196.1	84.1 -82.1 93.6 124.5	131.3 0.000 1.000 0.750	m75o	376.1	50.8 76.1 57.2 95.2	36.9 1.000 0.000 0.250
l87c	203.4	84.2 -81.1 83.5 116.5	134.2 0.000 1.000 0.875	m87o	383.4	52.5 69.9 72.0 100.4	45.8 1.000 0.000 0.125

KG840-7N, 1

Interpretation $rgb \rightarrow olv^*$ - und CIELAB-Daten von einem 48-stufigem Geräte-Bunttonkreis für LECD-display (wenig Glanz) mit der Leuchtdichte-Reflexion $L_r=1.2\%$ verglichen mit der weissen Referenz (100%)
48-stufiger Geräte-Bunttonkreis mit 6 Geräte-Bunttönen $OYL\bar{C}VM$: $h_{aba} = 41.1, 101.5, 131.8, 196.7, 305.0, 326.7$
Vergleich mit vier Elementar-Bunttönen $R\bar{J}GB$: $h_{aba} = 25.5, 92.3, 162.2, 271.7$, und C^*M^* = 217.0, 328.6
9-stufige gleichabständige Graureihe: $L^* = 10.4, 21.0, 31.7, 42.3, 52.9, 63.5, 74.2, 84.8, 95.4$

d_{Ma}	h_{rgb}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,d}$	$rgb \rightarrow olv^*_{Ma}$	d_{Ma}	h_{rgb}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,d}$	$rgb \rightarrow olv^*_{Ma}$
o00y=O	30.0	55.9 60.5 68.6 91.5	48.6 1.000 0.000 0.000	c00v=C	210.0	85.1 -66.7 32.9 74.5	153.8 0.000 1.000 1.000
o12y	36.6	57.0 57.6 69.5 90.3	50.4 1.000 0.125 0.000	c12v	216.6	67.6 -13.8 -45.4 47.6	253.0 0.000 0.875 1.000
o25y	43.9	60.0 49.5 72.1 87.5	55.6 1.000 0.250 0.000	c25v	223.9	44.7 36.9 -83.5 91.4	293.8 0.000 0.500 1.000
o37y	51.8	64.0 39.3 75.8 85.4	62.6 1.000 0.375 0.000	c37v	231.8	32.6 72.0 -103.7 126.3	304.7 0.000 0.625 1.000
o50y	60.0	68.8 27.6 80.1 84.8	71.0 1.000 0.500 0.000	c50v	240.0	34.0 74.4 -101.2 125.6	306.3 0.000 0.500 1.000
o62y	68.2	74.4 15.1 85.4 86.7	80.0 1.000 0.625 0.000	c62v	248.2	36.9 76.0 -96.1 122.7	308.3 0.000 0.375 1.000
o75y	76.1	81.5 0.4 92.4 92.4	89.8 1.000 0.750 0.000	c75v	256.1	39.7 77.8 -91.3 120.0	310.4 0.000 0.250 1.000
o87y	83.4	91.9 -19.1 103.1 104.9	100.5 1.000 0.875 0.000	c87v	263.4	42.1 79.5 -87.4 118.2	312.3 0.000 0.125 1.000
y00l=Y	90.0	90.1 -36.3 99.9 106.3	110.0 1.000 1.000 0.000	v00m=V	270.0	43.0 80.2 -85.8 117.6	313.0 0.000 0.000 1.000
y12l	96.6	88.6 -46.0 97.5 107.8	115.3 0.875 1.000 0.000	v12m	276.6	43.3 80.5 -85.3 117.4	313.3 0.125 0.000 1.000
y25l	103.9	87.8 -51.9 96.4 109.5	118.3 0.750 1.000 0.000	v25m	283.9	43.9 81.0 -84.2 116.9	313.8 0.250 0.000 1.000
y37l	111.8	87.1 -56.4 95.4 110.9	120.6 0.625 1.000 0.000	v37m	291.8	44.9 81.7 -82.6 116.3	314.7 0.375 0.000 1.000
y50l	120.0	86.7 -59.6 94.8 112.0	122.2 0.500 1.000 0.000	v50m	300.0	46.1 82.7 -80.5 115.5	315.7 0.500 0.000 1.000
y62l	128.2	86.2 63.3 94.2 113.0	123.5 0.375 1.000 0.000	v62m	308.2	47.5 83.8 -78.0 114.5	317.0 0.625 0.000 1.000
y75l	136.1	86.1 -64.2 93.9 113.8	124.4 0.250 1.000 0.000	v75m	316.1	49.4 85.5 -74.9 113.7	318.7 0.750 0.000 1.000
y87l	143.4	86.0 -65.7 93.7 114.5	125.1 0.125 1.000 0.000	v87m	323.4	51.6 87.4 -71.1 112.7	320.9 0.875 0.000 1.000
l00c=L	150.0	85.9 -66.3 93.6 114.7	125.3 0.000 1.000 0.000	m00o=M	330.0	56.0 91.8 -63.6 111.7	325.2 1.000 0.000 1.000
l12c	156.6	85.7 -68.0 93.3 115.5	126.1 0.000 1.000 0.125	m12o	336.6	54.8 87.0 -35.2 93.9	337.9 1.000 0.000 0.875
l25c	163.9	85.3 -71.1 92.8 116.9	127.5 0.000 1.000 0.250	m25o	343.9	53.9 84.4 -23.6 87.7	344.3 1.000 0.000 0.750
l37c	171.8	85.0 -73.9 92.3 118.3	128.7 0.000 1.000 0.375	m37o	351.8	53.2 82.1 -12.0 83.0	351.6 1.000 0.000 0.625
l50c	180.0	84.7 -76.7 91.9 119.8	129.9 0.000 1.000 0.500	m50o	360.0	52.5 79.7 2.1 79.8	1.5 1.000 0.000 0.500
l62c	188.2	84.4 -79.6 91.4 121.3	131.1 0.000 1.000 0.625	m62o	368.2	51.9 77.3 22.3 80.4	16.1 1.000 0.000 0.375
l75c	196.1	84.2 -81.1 91.3 122.2	131.7 0.000 1.000 0.750	m75o	376.1	51.4 74.6 52.7 91.4	35.2 1.000 0.000