

Stiche Original/Kopie: http://web.me.com/Klaus_rhieber/KG81/KG81L0N1.TXT /PS
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmtr

TUB-Registrierung: 20100601 - KG81/KG81L0N1.TXT /PS
Anwendung für Messung von Drucker- oder Monitorssystemen
TUB-Material: Code=thdata

Interpretation $rgb \rightarrow r^{*}g^{*}b^{*}$ und CIELAB-Daten von einem 48-stufigen Elementar255Bunttonkreis für LCD-Display (weiz Glanz) mit der Leuchtichte-Reflexion $L_r=5\%$ verglichen mit der weissen Referenz (100%)

48-stufiger Elementar-Bunttonkreis mit $RGB: R_{255} = 25.5, 32.3, 16.2, 21.7, 0$ und $C^*M^* = 217.0, 328.6$
Vergleich mit sechs Geräte-Bunttönen $OFF/Y/M/C/B/K = 30.5, 103.2, 135.3, 197.0, 300.0, 326.0$
9-stufige gleichabständige Graureihe: $L_r = 26.6, 35.2, 43.8, 52.4, 61.6, 69.8, 78.2, 86.8, 95.4$

$x^*y^*z^*$	L^*	a^*	b^*	C^*	M^*	K^*	$r^{*}g^{*}b^{*}$	$r^{*}g^{*}b^{*}$
000r	30.0	54.8	68.1	32.4	75.4	25.5	1.000 0.000 0.000	0
012r	36.6	51.4	66.6	41.6	80.1	31.8	1.000 0.125 0.000	0
025r	41.9	58.3	65.9	50.8	75.4	42.2	1.000 0.250 0.000	0
037r	46.2	62.8	65.6	58.4	71.8	50.0	1.000 0.375 0.000	0
050r	60.0	65.9	58.2	60.1	70.2	58.9	1.000 0.500 0.000	0
062r	68.2	69.8	27.1	64.7	70.2	61.0	1.000 0.625 0.000	0
075r	76.1	73.9	17.9	69.6	71.9	75.6	1.000 0.750 0.000	0
087r	83.4	78.4	8.7	84.1	80.0	83.4	1.000 0.875 0.000	0
090r	90.0	84.6	-2.7	91.8	92.3	90.0	1.000 1.000 0.000	0
102r	96.6	91.9	-17.2	91.4	93.1	101.1	0.875 1.000 0.000	Y
115r	106.9	90.0	-32.0	89.2	109.8	109.8	0.750 1.000 0.000	Y
127r	111.8	88.5	-46.8	85.5	97.4	118.5	0.625 1.000 0.000	Y
150r	120.0	86.3	-62.2	103.3	127.3	150.0	0.500 1.000 0.000	Y
162r	128.2	84.8	-74.7	122.2	180.0	184.1	0.375 1.000 0.000	Y
175r	136.1	85.2	-68.7	48.6	84.3	147.1	0.250 1.000 0.000	Y
187r	143.4	85.6	-62.8	31.4	70.3	153.5	0.125 1.000 0.000	Y
000c	100.0	0.0	0.0	0.0	0.0	100.0	1.000 0.000 1.000	0
012c	216.6	78.7	-29.5	-28.3	41.0	223.8	0.000 0.875 1.000	0
025c	223.9	76.4	-25.3	-30.9	40.1	230.7	0.000 0.750 1.000	0
037c	231.8	74.3	-22.2	-34.9	41.4	237.5	0.000 0.625 1.000	0
050c	240.0	72.1	-18.4	-38.5	42.8	244.4	0.000 0.500 1.000	0
062c	248.2	69.9	-14.2	-41.8	44.3	251.2	0.000 0.375 1.000	0
075c	256.1	67.5	-9.6	-45.7	46.8	258.0	0.000 0.250 1.000	0
087c	263.4	65.1	-4.9	-50.3	49.3	264.7	0.000 0.125 1.000	0
090c	270.0	62.0	1.7	-54.7	54.8	271.7	0.000 0.000 1.000	0
102c	276.6	61.3	5.9	-60.9	61.7	278.8	0.125 0.000 1.000	0
115c	283.9	51.9	19.5	-68.2	71.0	286.0	0.250 0.000 1.000	0
127c	291.8	48.5	32.9	-77.3	83.9	293.1	0.375 0.000 1.000	0
150c	300.0	41.0	51.4	-88.4	102.3	300.0	0.500 0.000 1.000	0
162c	308.2	30.8	55.5	-72.8	91.6	307.5	0.625 0.000 1.000	0
175c	316.1	49.8	72.8	-74.3	101.1	314.4	0.750 0.000 1.000	0
187c	323.4	59.9	80.5	-63.9	102.8	321.5	0.875 0.000 1.000	0
000M	373.0	59.6	84.9	-51.7	99.5	328.6	1.000 0.000 1.000	0
012M	356.8	80.7	-36.3	88.5	335.7	310.0	0.000 0.875 1.000	0
025M	343.9	57.0	-72.4	-23.8	81.0	342.8	1.000 0.750 1.000	0
037M	351.8	56.4	-81.1	-12.2	76.2	349.9	1.000 0.625 1.000	0
050M	360.0	59.7	73.1	-7.2	73.2	357.0	1.000 0.500 1.000	0
062M	368.2	55.5	71.6	5.2	71.8	364.2	1.000 0.375 1.000	0
075M	376.1	55.2	70.3	14.0	71.6	371.0	1.000 0.250 1.000	0
087M	383.4	58.0	68.8	22.8	72.5	378.4	1.000 0.125 1.000	0

KG81o-3N, 2

Interpretation $rgb \rightarrow r^{*}g^{*}b^{*}$ und CIELAB-Daten von einem 48-stufigen Elementar255Bunttonkreis für LCD-Display (weiz Glanz) mit der Leuchtichte-Reflexion $L_r=20\%$ verglichen mit der weissen Referenz (100%)

48-stufiger Elementar-Bunttonkreis mit $RGB: R_{255} = 25.5, 32.3, 16.2, 21.7, 0$ und $C^*M^* = 217.0, 328.6$
Vergleich mit sechs Geräte-Bunttönen $OFF/Y/M/C/B/K = 23.2, 106.5, 139.9, 198.2, 293.2, 324.2$
9-stufige gleichabständige Graureihe: $L_r = 51.9, 57.4, 62.8, 68.2, 73.7, 79.1, 84.5, 90.0, 95.4$

$x^*y^*z^*$	L^*	a^*	b^*	C^*	M^*	K^*	$r^{*}g^{*}b^{*}$	$r^{*}g^{*}b^{*}$
000r	30.0	65.3	44.8	21.3	49.6	25.5	1.000 0.000 0.000	0
012r	36.6	67.3	38.5	25.4	44.4	33.8	1.000 0.125 0.000	0
025r	43.9	70.1	32.5	29.4	43.8	42.2	1.000 0.250 0.000	0
037r	51.8	72.4	27.0	32.8	45.5	50.0	1.000 0.375 0.000	0
050r	60.0	74.7	21.8	36.1	42.2	58.9	1.000 0.500 0.000	0
062r	68.2	77.0	16.5	39.3	42.6	67.2	1.000 0.625 0.000	0
075r	76.1	79.4	11.1	43.2	44.6	75.6	1.000 0.750 0.000	0
087r	83.4	81.6	5.3	47.5	47.0	83.4	1.000 0.875 0.000	0
090r	90.0	86.0	-2.0	52.2	52.3	90.0	1.000 1.000 0.000	0
102r	96.6	91.3	-11.7	60.2	63.1	101.1	0.875 1.000 0.000	Y
115r	106.9	92.3	-21.9	61.3	65.1	109.8	0.750 1.000 0.000	Y
127r	111.8	90.6	-31.5	58.2	66.3	118.5	0.625 1.000 0.000	Y
150r	120.0	88.9	-41.1	55.4	69.7	127.3	0.500 1.000 0.000	Y
162r	128.2	88.8	-46.8	51.6	74.0	136.1	0.375 1.000 0.000	Y
175r	136.1	87.1	-52.4	37.1	64.3	144.7	0.250 1.000 0.000	Y
187r	143.4	87.5	-47.8	23.9	53.5	153.5	0.125 1.000 0.000	Y
000c	100.0	0.0	0.0	0.0	0.0	100.0	1.000 0.000 1.000	0
012c	216.6	88.4	-41.1	44.2	46.5	162.2	0.000 0.875 1.000	0
025c	223.9	86.6	-37.6	40.4	42.3	169.1	0.000 0.750 1.000	0
037c	231.8	84.7	-33.5	36.9	40.4	175.9	0.000 0.625 1.000	0
050c	240.0	82.8	-28.2	-36.8	38.6	182.6	0.000 0.500 1.000	0
062c	248.2	80.8	-26.2	-40.2	39.8	189.6	0.000 0.375 1.000	0
075c	256.1	78.9	-23.5	-43.1	39.6	196.4	0.000 0.250 1.000	0
087c	263.4	76.1	-18.3	-43.4	42.3	203.3	0.000 0.125 1.000	0
090c	270.0	73.0	-11.7	-42.4	44.4	210.1	0.000 0.000 1.000	0
102c	276.6	67.1	1.1	-45.8	46.4	217.8	0.125 0.000 1.000	0
115c	283.9	61.9	14.7	-51.3	53.4	226.0	0.250 0.000 1.000	0
127c	291.8	59.6	24.9	-58.3	63.5	234.2	0.375 0.000 1.000	0
150c	300.0	58.1	35.3	-60.6	70.3	300.0	0.500 0.000 1.000	0
162c	308.2	49.9	42.7	-55.9	70.4	307.5	0.625 0.000 1.000	0
175c	316.1	63.8	49.9	-45.9	71.0	314.4	0.750 0.000 1.000	0
187c	323.4	67.0	57.5	-45.6	73.4	321.5	0.875 0.000 1.000	0
000M	373.0	59.6	84.9	-51.7	99.5	328.6	1.000 0.000 1.000	0
012M	356.8	80.7	-36.3	88.5	335.7	310.0	0.000 0.875 1.000	0
025M	343.9	57.0	-72.4	-23.8	81.0	342.8	1.000 0.750 1.000	0
037M	351.8	56.4	-81.1	-12.2	76.2	349.9	1.000 0.625 1.000	0
050M	360.0	59.7	73.1	-7.2	73.2	357.0	1.000 0.500 1.000	0
062M	368.2	55.5	71.6	5.2	71.8	364.2	1.000 0.375 1.000	0
075M	376.1	55.2	70.3	14.0	71.6	371.0	1.000 0.250 1.000	0
087M	383.4	58.0	68.8	22.8	72.5	378.4	1.000 0.125 1.000	0

KG81o-2N, 2

Interpretation $rgb \rightarrow r^{*}g^{*}b^{*}$ und CIELAB-Daten von einem 48-stufigen Elementar255Bunttonkreis für LCD-Display (weiz Glanz) mit der Leuchtichte-Reflexion $L_r=10\%$ verglichen mit der weissen Referenz (100%)

48-stufiger Elementar-Bunttonkreis mit $RGB: R_{255} = 25.5, 32.3, 16.2, 21.7, 0$ und $C^*M^* = 217.0, 328.6$
Vergleich mit sechs Geräte-Bunttönen $OFF/Y/M/C/B/K = 30.5, 103.2, 135.3, 197.0, 300.0, 326.0$
9-stufige gleichabständige Graureihe: $L_r = 37.9, 45.1, 52.2, 59.4, 66.6, 73.8, 81.0, 88.2, 95.4$

$x^*y^*z^*$	L^*	a^*	b^*	C^*	M^*	K^*	$r^{*}g^{*}b^{*}$	$r^{*}g^{*}b^{*}$
000r	30.0	56.6	58.9	28.1	65.3	25.5	1.000 0.000 1.000	0
012r	36.6	59.9	58.1	36.2	65.1	31.8	1.000 0.125 0.000	0
025r	43.9	63.3	45.2	40.9	61.0	42.2	1.000 0.250 0.000	0
037r	51.8	66.4	37.2	45.6	58.5	50.0	1.000 0.375 0.000	0
050r	60.0	69.2	29.7	51.8	58.1	58.9	1.000 0.500 0.000	0
062r	68.2	72.7	22.5	53.6	56.7	67.2	1.000 0.625 0.000	0
075r	76.1	76.1	15.0	58.2	60.1	75.6	1.000 0.750 0.000	0
087r	83.4	80.0	6.7	63.8	84.0	83.4	1.000 0.875 0.000	0
090r	90.0	84.6	-2.7	69.4	92.3	90.0	1.000 1.000 0.000	0
102r	96.6	91.9	-15.3	78.8	103.1	101.1	0.875 1.000 0.000	Y
115r	106.9	91.7	-24.1	83.0	112.0	109.8	0.750 1.000 0.000	Y
127r	111.8	90.3	-40.4	74.5	84.8	118.5	0.625 1.000 0.000	Y
150r	120.0	87.3	-54.2	71.3	89.6	127.3	0.500 1.000 0.000	Y
162r	128.2	85.9	-68.8	66.5	95.8	136.1	0.375 1.000 0.000	Y
175r	136.1	85.9	-63.0	44.6	73.3	144.7	0.250 1.000 0.000	Y
187r	143.4	86.2	-57.5	28.7	64.4	153.5	0.125 1.000 0.000	Y
000c	100.0	0.0	0.0	0.0	0.0	100.0	1.000 0.000 1.000	0
012c	216.6	86.0	-49.7	9.6	50.7	169.1	0.000 0.875 1.000	0
025c	223.9	87.2	-48.0	3.4	48.2	175.9	0.000 0.750 1.000	0
037c	231.8	87.5	-45.8	-21.1	46.0	182.6	0.000 0.625 1.000	0
050c	240.0	87.8	-43.0	-27.4	43.7	189.6	0.000 0.500 1.000	0
062c	248.2	88.1	-39.7	-31.5	41.6	196.4	0.000 0.375 1.000	0
075c	256.1	88.2	-37.1	-35.9	40.3	203.3	0.000 0.250 1.000	0
087c	263.4	84.1	-34.1	-39.8	39.6	210.1	0.000 0.125 1.000	0
090c	270.0	81.4	-31.9	-38.6	21.0	217.8	0.000 0.000 1.000	0
102c	276.6	74.8	-28.8	-46.6	33.4	224.4	0.125 0.000 1.000	0
115c	283.9	65.5	-46.1	-51.3	48.4	231.5	0.250 0.000 1.000	0
127c	291.8	61.4	-54.2	-56.2	58.2	238.6	0.375 0.000 1.00	