

Interpretation rgb → olv* und CIELAB-Daten von einem 48-farbigen Geräte-Bunttonkreis
für LCD-Display (wenig Glanz) mit der Leuchtdichte-Reflexion Lr=5% verglichen mit der weissen Referenz (100%)
48-farbiges Geräte-Bunttonkreis mit 6 Geräte-Bunttonen OYL: $h_{20} = 34.5, 102.3, 133.6, 196.8, 302.4, 326.4$
Vergleich mit vier Elementar-Bunttonen R: $R_{10} = 25.5, 92.3, 162.2, 271.7$, und $M = 217.0, 328.6$
9-stufige gleichabständige Graureihe: Lr = 26.6, 35.2, 43.8, 52.4, 61.6, 69.6, 78.2, 86.8, 95.4

	h_{20}	h_{20}	L^*	a^*	b^*	x_{rgb}	y_{rgb}	z_{rgb}	$rgb \rightarrow olv^*$		h_{20}	h_{20}	L^*	a^*	b^*	x_{rgb}	y_{rgb}	z_{rgb}	$rgb \rightarrow olv^*$
000y	30.0	54.5	66.4	45.7	80.6	34.6	1.000	0.000	0.000	000c	210.0	87.5	-42.5	-13.1	44.6	197.1	0.000	1.000	1.000
001y	36.6	55.8	62.8	47.4	78.7	37.1	1.000	0.125	0.000	001c	216.6	76.3	-25.1	-31.1	40.1	231.1	0.000	0.875	1.000
002y	43.9	59.1	52.7	51.5	74.4	43.8	1.000	0.250	0.000	002c	223.9	74.8	-11.8	-41.4	45.0	254.7	0.000	0.750	1.000
003y	51.8	62.9	43.8	56.2	71.2	52.1	1.000	0.375	0.000	003c	231.8	62.5	0.7	-53.7	53.8	270.8	0.000	0.625	1.000
004y	60.0	67.2	32.4	61.4	69.8	61.6	1.000	0.500	0.000	004c	240.0	56.8	12.9	-63.0	64.4	281.6	0.000	0.500	1.000
005y	68.2	71.2	24.4	66.8	70.5	71.4	1.000	0.625	0.000	005c	248.2	51.3	26.0	-72.2	76.8	289.8	0.000	0.375	1.000
006y	76.6	75.8	16.5	71.7	75.8	76.6	1.000	0.750	0.000	006c	256.1	46.0	39.7	-81.0	90.4	296.1	0.000	0.250	1.000
007y	84.3	83.5	-2.4	76.0	81.1	91.7	1.000	0.875	0.000	007c	263.4	41.7	52.6	-89.8	102.9	300.7	0.000	0.125	1.000
008y	90.0	93.0	-20.2	92.5	94.7	102.4	1.000	1.000	0.000	008vc	270.0	39.1	59.0	-92.8	110.9	302.4	0.000	0.000	1.000
y120	96.6	90.4	-34.0	88.5	94.9	111.1	0.875	1.000	0.000	y12m	276.6	37.7	59.1	-81.5	109.3	303.2	0.125	0.000	1.000
y210	103.9	98.9	-43.8	96.5	116.9	107.0	0.750	1.000	0.000	y21m	283.9	43.9	62.1	-89.7	108.4	304.5	0.250	0.000	1.000
y310	112.8	107.7	-52.0	84.2	130.9	120.7	0.625	1.000	0.000	y31m	291.8	43.8	64.5	-85.3	107.1	307.1	0.375	0.000	1.000
y410	121.6	118.6	-60.5	87.7	140.6	128.2	0.500	1.000	0.000	y41m	298.2	43.8	67.5	-81.1	105.6	308.2	0.500	0.000	1.000
y510	128.2	128.7	-65.8	93.1	104.6	128.7	0.375	1.000	0.000	y51m	308.2	48.0	70.7	-76.8	104.6	312.8	0.625	0.000	1.000
y610	135.1	136.4	-70.2	100.8	107.1	131.0	0.250	1.000	0.000	y61m	316.5	51.4	74.8	-71.2	103.4	316.4	0.750	0.000	1.000
y710	143.4	144.9	-74.3	80.1	109.3	132.9	0.125	1.000	0.000	y71m	324.6	55.1	79.4	-65.2	102.8	320.5	0.875	0.000	1.000
000c	150.0	84.7	-76.0	79.8	103.1	133.6	0.000	1.000	0.000	m00m	330.0	60.0	85.7	-56.5	102.7	326.5	1.000	0.000	1.000
001c	156.6	83.5	-72.4	80.5	104.6	135.1	0.000	0.875	0.000	m01m	336.6	57.7	98.8	-34.0	86.7	336.6	1.000	0.000	0.875
002c	163.9	84.9	-72.3	62.3	95.5	133.9	0.000	0.750	0.000	m02m	343.9	56.9	76.9	-22.3	80.1	343.8	1.000	0.000	0.750
003c	171.8	85.1	-65.1	55.5	86.6	143.5	0.000	0.625	0.000	m03m	351.8	56.2	64.7	-11.8	75.6	350.9	1.000	0.000	0.625
004c	180.0	85.4	-60.5	40.9	77.8	148.3	0.000	0.500	0.000	m04m	360.0	55.8	72.4	-1.1	72.4	359.0	1.000	0.000	0.500
005c	188.2	85.3	-55.3	26.0	68.2	157.3	0.000	0.375	0.000	m05m	368.2	55.3	80.5	9.5	71.3	368.2	1.000	0.000	0.375
006c	196.1	85.9	-58.8	20.8	62.3	166.5	0.000	0.250	0.000	m06m	376.1	55.0	88.8	23.1	72.5	375.1	1.000	0.000	0.250
007c	204.3	86.4	-53.6	9.4	54.6	170.1	0.000	0.125	0.000	m07m	383.4	54.6	67.1	37.9	77.1	375.1	1.000	0.000	0.125

LG050-7N, 2

Interpretation rgb → olv* und CIELAB-Daten von einem 48-farbigen Geräte-Bunttonkreis
für LCD-Display (wenig Glanz) mit der Leuchtdichte-Reflexion Lr=20% verglichen mit der weissen Referenz (100%)
48-farbiges Geräte-Bunttonkreis mit 6 Geräte-Bunttonen OYL: $h_{20} = 26.5, 104.5, 137.7, 197.8, 326.7, 325.4$
Vergleich mit vier Elementar-Bunttonen R: $R_{10} = 25.5, 92.3, 162.2, 271.7$, und $M = 217.0, 328.6$
9-stufige gleichabständige Graureihe: Lr = 51.9, 57.4, 62.8, 68.2, 73.7, 79.1, 84.5, 90.0, 95.4

h_{20}	h_{20}	L^*	a^*	b^*	x_{rgb}	y_{rgb}	z_{rgb}	$rgb \rightarrow olv^*$	$rgb \rightarrow olv^*$						
0000	30.0	63.3	44.6	22.3	49.8	26.5	1.000 0.000 1.000	0000	210.0	89.0	-33.0	-10.5	34.8	197.8	0.000 1.000 1.000
0010	216.6	60.3	-18.5	-24.4	30.8	232.8	0.000 0.875 1.000	0010	216.6	60.3	-18.5	-24.4	30.8	232.8	0.000 0.875 1.000
0020	43.9	68.2	37.2	26.5	45.7	35.5	1.000 0.250 0.000	0020	223.9	74.8	-11.8	-41.4	34.5	256.0	0.000 0.750 1.000
0030	51.8	70.7	31.0	30.2	43.2	44.2	1.000 0.375 0.000	0030	231.8	70.4	0.5	-40.5	46.6	270.7	0.000 0.625 1.000
0040	31.6	70.7	24.0	34.5	42.1	55.1	1.000 0.500 0.000	0040	240.0	66.8	8.3	-46.5	47.4	280.2	0.000 0.500 1.000
0050	68.2	76.9	16.7	39.2	42.6	67.0	1.000 0.625 0.000	0050	248.2	60.3	15.9	-52.1	54.5	287.0	0.000 0.375 1.000
0060	128.2	86.0	42.1	44.8	45.5	104.6	0.000 0.750 0.000	0060	256.1	60.4	23.1	-57.6	61.4	292.0	0.000 0.250 1.000
0070	186.8	95.4	32.4	81.0	109.3	186.8	0.000 0.125 1.000	0070	263.4	57.9	29.2	-62.2	67.9	295.5	0.000 0.125 1.000
0080	234.6	35.2	43.8	52.4	61.6	234.6	0.000 0.000 1.000	0080	270.0	36.9	31.7	-62.8	70.3	296.7	0.000 0.000 1.000
0090	276.6	37.7	59.1	-81.1	109.3	276.6	0.125 0.000 1.000	0090	276.6	37.7	59.1	-81.1	109.3	276.6	0.125 0.000 1.000
0100	283.9	43.8	61.4	-87.7	108.4	283.9	0.250 0.000 1.000	0100	283.9	43.8	61.4	-87.7	108.4	283.9	0.250 0.000 1.000
0110	291.8	43.8	64.5	-85.3	107.1	291.8	0.375 0.000 1.000	0110	291.8	43.8	64.5	-85.3	107.1	291.8	0.375 0.000 1.000
0120	300.0	45.7	67.5	-81.1	105.6	300.0	0.500 0.000 1.000	0120	300.0	45.7	67.5	-81.1	105.6	300.0	0.500 0.000 1.000
0130	308.2	48.0	70.7	-76.8	103.7	308.2	0.625 0.000 1.000	0130	308.2	48.0	70.7	-76.8	103.7	308.2	0.625 0.000 1.000
0140	316.5	51.4	74.8	-71.2	101.4	316.5	0.750 0.000 1.000	0140	316.5	51.4	74.8	-71.2	101.4	316.5	0.750 0.000 1.000
0150	324.6	55.1	79.4	-65.2	102.8	324.6	0.875 0.000 1.000	0150	324.6	55.1	79.4	-65.2	102.8	324.6	0.875 0.000 1.000
0160	333.0	60.0	85.7	-56.5	102.7	333.0	1.000 0.000 1.000	0160	333.0	60.0	85.7	-56.5	102.7	333.0	1.000 0.000 1.000
0170	336.6	57.7	98.8	-34.0	86.7	336.6	1.000 0.000 0.875	0170	336.6	57.7	98.8	-34.0	86.7	336.6	1.000 0.000 0.875
0180	343.9	56.9	76.9	-22.3	80.1	343.9	1.000 0.000 0.750	0180	343.9	56.9	76.9	-22.3	80.1	343.9	1.000 0.000 0.750
0190	351.8	56.2	64.7	-11.8	75.6	351.8	1.000 0.000 0.625	0190	351.8	56.2	64.7	-11.8	75.6	351.8	1.000 0.000 0.625
0200	360.0	55.8	72.4	-1.1	72.4	360.0	1.000 0.000 0.500	0200	360.0	55.8	72.4	-1.1	72.4	360.0	1.000 0.000 0.500
0210	368.2	55.3	80.5	9.5	71.3	368.2	1.000 0.000 0.375	0210	368.2	55.3	80.5	9.5	71.3	368.2	1.000 0.000 0.375
0220	376.1	55.0	88.8	23.1	72.5	376.1	1.000 0.000 0.250	0220	376.1	55.0	88.8	23.1	72.5	376.1	1.000 0.000 0.250
0230	383.4	54.6	67.1	37.9	77.1	383.4	1.000 0.000 0.125	0230	383.4	54.6	67.1	37.9	77.1	383.4	1.000 0.000 0.125

LG051-3N, 2

Interpretation rgb → olv* und CIELAB-Daten von einem 48-farbigen Geräte-Bunttonkreis
für LCD-Display (wenig Glanz) mit der Leuchtdichte-Reflexion Lr=10% verglichen mit der weissen Referenz (100%)
48-farbiges Geräte-Bunttonkreis mit 6 Geräte-Bunttonen OYL: $h_{20} = 30.5, 103.2, 133.3, 197.0, 300.0, 326.0$
Vergleich mit vier Elementar-Bunttonen R: $R_{10} = 25.5, 92.3, 162.2, 271.7$, und $M = 217.0, 328.6$
9-stufige gleichabständige Graureihe: Lr = 37.9, 45.1, 52.2, 59.4, 66.6, 73.8, 81.0, 88.2, 95.4

a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}	a_{000}
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