

Interpretation *rgb* -> *ol**- und CIELAB-Daten von einem 48-stufigem Geräte-Bunttonkreis für ein sRGB-Display mit der Leuchtdichte-Reflexion $L_r=0\%$ verglichen mit der weissen Referenz (100%)

48-stufiger Geräte-Bunttonkreis mit 6 Geräte-Bunttönen OYLVCV: $h_{ab,a} = 40,0, 102,8, 136,0, 196,3, 306,2, 328,2$
Vergleich mit vier Elementar-Bunttönen *R**J**G**B*: $h_{ab,a} = 25,4, 92,3, 162,2, 271,7$

Code	L*	a*	b*	C* _{ab}	h _{ab,a}	rgb -> ol*
o00y=O	50.4	76.9	64.5	100.4	40.0	1.00 0.00 0.00
o12y	51.5	73.9	64.9	98.3	41.3	1.00 0.12 0.00
o25y	54.0	66.7	65.9	93.8	44.6	1.00 0.25 0.00
o37y	58.2	55.4	67.9	87.7	50.7	1.00 0.37 0.00
o50y	63.6	41.3	71.0	82.2	59.7	1.00 0.50 0.00
o62y	70.1	25.7	75.0	79.3	71.0	1.00 0.62 0.00
o75y	77.2	9.8	79.7	80.4	82.9	1.00 0.75 0.00
o87y	84.8	-5.7	85.0	85.2	93.8	1.00 0.87 0.00
y00l=Y	92.6	-20.7	90.7	93.0	102.8	1.00 1.00 0.00
y12l	90.4	-33.1	88.1	94.1	110.5	0.87 1.00 0.00
y25l	88.5	-44.9	85.8	96.8	117.6	0.75 1.00 0.00
y37l	86.9	-55.8	83.9	100.7	123.6	0.62 1.00 0.00
y50l	85.7	-65.2	82.4	105.1	128.3	0.50 1.00 0.00
y62l	84.7	-72.8	81.2	109.1	131.8	0.37 1.00 0.00
y75l	84.1	-78.2	80.5	112.2	134.1	0.25 1.00 0.00
y87l	83.7	-81.4	80.0	114.2	135.5	0.12 1.00 0.00
l00c=L	83.6	-82.7	79.8	115.0	136.0	0.00 1.00 0.00
l12c	83.6	-82.1	76.6	112.3	137.0	0.00 1.00 0.12
l25c	83.8	-80.5	69.1	106.1	139.3	0.00 1.00 0.25
l37c	84.0	-77.8	58.1	97.1	143.2	0.00 1.00 0.37
l50c	84.3	-73.7	44.9	86.4	148.6	0.00 1.00 0.50
l62c	84.7	-68.5	30.6	75.0	155.8	0.00 1.00 0.62
l75c	85.3	-62.0	15.9	64.0	165.6	0.00 1.00 0.75
l87c	86.0	-54.5	1.0	54.5	178.8	0.00 1.00 0.87
m00o=M	57.2	94.3	-58.4	110.9	328.2	1.00 0.00 1.00
m12o	55.6	90.3	-43.9	100.4	334.0	1.00 0.00 0.87
m25o	54.2	86.7	-28.6	91.3	341.6	1.00 0.00 0.75
m37o	53.0	83.6	-12.6	84.6	351.4	1.00 0.00 0.62
m50o	52.0	81.1	4.1	81.2	359.2	1.00 0.00 0.50
m62o	51.3	79.2	21.6	82.1	363.2	1.00 0.00 0.37
m75o	50.8	77.9	39.2	87.2	367.2	1.00 0.00 0.25
m87o	50.6	77.2	54.9	94.8	35.4	1.00 0.00 0.12

KG200-3N, , Seite 4/11, LAB*la0, adapted=not adapted

Interpretation *rgb* -> *ol**- und CIELAB-Daten von einem 48-stufigem Geräte-Bunttonkreis für ein sRGB-Display mit der Leuchtdichte-Reflexion $L_r=0,6\%$ verglichen mit der weissen Referenz (100%)

48-stufiger Geräte-Bunttonkreis mit 6 Geräte-Bunttönen OYLVCV: $h_{ab,a} = 38,3, 102,9, 136,2, 196,4, 305,7, 328,1$
Vergleich mit vier Elementar-Bunttönen *R**J**G**B*: $h_{ab,a} = 25,4, 92,3, 162,2, 271,7$

Code	L*	a*	b*	C* _{ab}	h _{ab,a}	rgb -> ol*
o00y=O	51.0	75.5	59.6	96.3	38.3	1.00 0.00 0.00
o12y	52.0	72.6	60.3	94.3	39.7	1.00 0.12 0.00
o25y	54.5	65.6	61.8	90.1	43.3	1.00 0.25 0.00
o37y	58.6	54.6	64.4	84.5	49.7	1.00 0.37 0.00
o50y	63.9	40.8	68.1	79.4	59.0	1.00 0.50 0.00
o62y	70.3	25.4	72.6	76.9	70.6	1.00 0.62 0.00
o75y	77.4	9.7	77.7	78.3	82.8	1.00 0.75 0.00
o87y	84.8	-5.7	83.3	83.5	93.9	1.00 0.87 0.00
y00l=Y	92.6	-20.5	89.2	91.5	102.9	1.00 1.00 0.00
y12l	90.4	-32.8	86.5	92.6	110.7	0.87 1.00 0.00
y25l	88.5	-44.5	84.3	95.3	117.8	0.75 1.00 0.00
y37l	87.0	-55.2	82.3	99.2	123.8	0.62 1.00 0.00
y50l	85.7	-64.5	80.8	103.4	128.6	0.50 1.00 0.00
y62l	84.8	-72.0	79.7	107.4	132.1	0.37 1.00 0.00
y75l	84.2	-77.7	78.9	110.5	134.4	0.25 1.00 0.00
y87l	83.8	-80.5	78.4	112.4	135.7	0.12 1.00 0.00
l00c=L	83.7	-81.8	78.3	113.2	136.2	0.00 1.00 0.00
l12c	83.7	-81.2	75.1	110.6	137.2	0.00 1.00 0.12
l25c	83.8	-79.6	67.9	104.7	139.5	0.00 1.00 0.25
l37c	84.1	-76.9	57.2	95.9	143.3	0.00 1.00 0.37
l50c	84.4	-72.9	44.3	85.4	148.6	0.00 1.00 0.50
l62c	84.8	-67.7	30.3	74.2	155.9	0.00 1.00 0.62
l75c	85.4	-61.4	15.7	63.4	165.6	0.00 1.00 0.75
l87c	86.1	-54.0	1.0	54.0	178.8	0.00 1.00 0.87
m00o=M	57.7	93.0	-57.7	109.5	328.1	1.00 0.00 1.00
m12o	56.1	89.0	-43.3	99.0	334.0	1.00 0.00 0.87
m25o	54.7	85.4	-28.2	89.9	341.7	1.00 0.00 0.75
m37o	53.5	82.3	-12.4	83.2	351.4	1.00 0.00 0.62
m50o	52.6	79.8	4.0	79.9	359.2	1.00 0.00 0.50
m62o	51.9	77.9	20.9	80.6	363.2	1.00 0.00 0.37
m75o	51.4	76.6	37.5	85.3	367.2	1.00 0.00 0.25
m87o	51.1	75.8	51.7	91.8	34.2	1.00 0.00 0.12

KG200-7N, , Seite 5/11, LAB*la1, adapted=not adapted

TUB-Prüfvorlage KG20; sRGB-Display $L_r=0$ bis 2,5%
16-stufiger Elementarbunttonkreis und 5 Graustufen

Interpretation *rgb* -> *ol**- und CIELAB-Daten von einem 48-stufigem Geräte-Bunttonkreis für ein sRGB-Display mit der Leuchtdichte-Reflexion $L_r=1,2\%$ verglichen mit der weissen Referenz (100%)

48-stufiger Geräte-Bunttonkreis mit 6 Geräte-Bunttönen OYLVCV: $h_{ab,a} = 36,9, 103,0, 136,4, 196,4, 305,2, 328,1$
Vergleich mit vier Elementar-Bunttönen *R**J**G**B*: $h_{ab,a} = 25,4, 92,3, 162,2, 271,7$

Code	L*	a*	b*	C* _{ab}	h _{ab,a}	rgb -> ol*
o00y=O	51.6	74.2	55.8	92.8	36.9	1.00 0.00 0.00
o12y	52.6	71.3	56.5	91.0	38.4	1.00 0.12 0.00
o25y	55.0	64.5	58.4	87.0	42.1	1.00 0.25 0.00
o37y	59.0	53.8	61.4	81.7	48.7	1.00 0.37 0.00
o50y	64.3	40.2	65.5	76.9	58.4	1.00 0.50 0.00
o62y	70.5	25.2	70.3	74.7	70.3	1.00 0.62 0.00
o75y	77.5	9.6	75.8	76.4	82.7	1.00 0.75 0.00
o87y	84.9	-5.6	81.6	81.8	93.9	1.00 0.87 0.00
y00l=Y	92.7	-20.3	87.7	90.1	103.0	1.00 1.00 0.00
y12l	90.5	-32.5	85.1	91.1	110.9	0.87 1.00 0.00
y25l	88.6	-44.1	82.8	93.8	118.0	0.75 1.00 0.00
y37l	87.0	-54.7	80.8	97.6	124.0	0.62 1.00 0.00
y50l	85.8	-63.9	79.3	101.8	128.8	0.50 1.00 0.00
y62l	84.9	-71.2	78.1	105.8	132.3	0.37 1.00 0.00
y75l	84.3	-76.5	77.4	108.8	134.6	0.25 1.00 0.00
y87l	83.9	-79.6	76.9	110.7	135.9	0.12 1.00 0.00
l00c=L	83.8	-80.8	76.8	111.5	136.4	0.00 1.00 0.00
l12c	83.8	-80.2	73.7	109.0	137.4	0.00 1.00 0.12
l25c	83.9	-78.7	66.8	103.2	139.6	0.00 1.00 0.25
l37c	84.1	-76.0	56.4	94.7	143.4	0.00 1.00 0.37
l50c	84.5	-72.1	43.8	84.4	148.7	0.00 1.00 0.50
l62c	84.9	-67.0	29.9	73.4	155.9	0.00 1.00 0.62
l75c	85.5	-60.7	15.5	62.7	165.6	0.00 1.00 0.75
l87c	86.1	-53.4	1.0	53.5	178.8	0.00 1.00 0.87
m00o=M	58.1	91.8	-57.0	108.0	328.1	1.00 0.00 1.00
m12o	56.5	87.7	-42.7	97.5	334.0	1.00 0.00 0.87
m25o	55.1	84.1	-27.7	88.5	341.7	1.00 0.00 0.75
m37o	54.0	81.0	-12.1	81.9	351.4	1.00 0.00 0.62
m50o	53.1	78.4	3.9	78.5	359.2	1.00 0.00 0.50
m62o	52.4	76.5	20.3	79.2	363.2	1.00 0.00 0.37
m75o	52.0	75.2	36.0	83.4	367.2	1.00 0.00 0.25
m87o	51.7	74.5	48.9	89.1	33.3	1.00 0.00 0.12

KG201-3N, , Seite 6/11, LAB*la2, adapted=not adapted

Interpretation *rgb* -> *ol**- und CIELAB-Daten von einem 48-stufigem Geräte-Bunttonkreis für ein sRGB-Display mit der Leuchtdichte-Reflexion $L_r=2,5\%$ verglichen mit der weissen Referenz (100%)

48-stufiger Geräte-Bunttonkreis mit 6 Geräte-Bunttönen OYLVCV: $h_{ab,a} = 34,8, 103,2, 136,9, 196,4, 304,3, 328,0$
Vergleich mit vier Elementar-Bunttönen *R**J**G**B*: $h_{ab,a} = 25,4, 92,3, 162,2, 271,7$

Code	L*	a*	b*	C* _{ab}	h _{ab,a}	rgb -> ol*
o00y=O	52.7	71.6	49.8	87.3	34.8	1.00 0.00 0.00
o12y	53.7	68.9	50.7	85.6	36.3	1.00 0.12 0.00
o25y	56.0	62.4	52.9	81.8	40.2	1.00 0.25 0.00
o37y	59.8	52.2	56.4	76.9	47.2	1.00 0.37 0.00
o50y	64.9	39.2	61.0	72.5	57.2	1.00 0.50 0.00
o62y	71.0	24.6	66.4	70.8	69.6	1.00 0.62 0.00
o75y	77.8	9.4	72.3	72.9	82.5	1.00 0.75 0.00
o87y	85.1	-5.5	78.5	78.7	94.0	1.00 0.87 0.00
y00l=Y	92.7	-20.0	84.9	87.3	103.2	1.00 1.00 0.00
y12l	90.5	-31.9	82.2	88.2	111.2	0.87 1.00 0.00
y25l	88.7	-43.3	79.9	90.9	118.4	0.75 1.00 0.00
y37l	87.2	-53.6	78.0	94.7	124.5	0.62 1.00 0.00
y50l	86.0	-62.5	76.4	98.8	129.2	0.50 1.00 0.00
y62l	85.0	-69.7	75.3	102.6	132.7	0.37 1.00 0.00
y75l	84.4	-74.8	74.5	105.6	135.1	0.25 1.00 0.00
y87l	84.1	-77.8	74.1	107.4	136.3	0.12 1.00 0.00
l00c=L	84.0	-79.0	73.9	108.2	136.9	0.00 1.00 0.00
l12c	84.0	-78.4	71.1	105.8	137.7	0.00 1.00 0.12
l25c	84.1	-76.9	64.6	100.5	139.9	0.00 1.00 0.25
l37c	84.3	-74.6	54.8	92.4	143.5	0.00 1.00 0.37
l50c	84.6	-70.6	42.7	82.5	148.8	0.00 1.00 0.50
l62c	85.1	-65.6	29.3	71.8	155.9	0.00 1.00 0.62
l75c	85.6	-59.5	15.2	61.4	165.5	0.00 1.00 0.75
l87c	86.3	-52.4	1.0	52.4	178.8	0.00 1.00 0.87
m00o=M	59.0	89.3	-55.7	105.2	328.0	1.00 0.00 1.00
m12o	57.4	85.2	-41.5	94.8	333.9	1.00 0.00 0.87
m25o	56.1	81.5	-26.9	85.9	341.7	1.00 0.00 0.75
m37o	55.0	78.4	-11.7	79.3	351.5	1.00 0.00 0.62
m50o	54.1	75.9	3.8	76.0	359.2	1.00 0.00 0.50
m62o	53.5	74.0	19.1	76.4	363.2	1.00 0.00 0.37
m75o	53.0	72.6	33.4	80.0	367.2	1.00 0.00 0.25
m87o	52.8	71.9	44.4	84.5	31.6	1.00 0.00 0.12

KG201-7N, , Seite 7/11, LAB*la3, adapted=not adapted

Eingabe: w setgray
Ausgabe: keine Eingabeänderung