

Interpretation <i>rgb</i> -> <i>rgb*</i> and CIELAB data of a 48 step elementary hue circle for a sRGB standard display with the luminance reflection $L_r=5\%$ compared to the white reference (100%)												
48 step elementary hue circle with hues: <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 217.7$, and <i>C' M'</i> = 217.0, 328.6 comparison with six device hues <i>OYLcVM</i> : $h_{ab,a} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ 9 step equidistant grey scale: $L^* = 26.8, 35.4, 44.0, 52.6, 61.1, 69.7, 78.3, 86.8, 95.4$												
<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab}] _{Ma,e}	<i>rgb</i> -> <i>rgb</i> * _{Ma}		<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab}] _{Ma,e}	<i>rgb</i> -> <i>rgb</i> * _{Ma}		<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab}] _{Ma,e}
r00j=R	30.0	55.1 67.8 32.3	75.1	25.5	1.000 0.000 0.000	O	c*00b=C'	210.0	80.4	-31.6	-23.7	39.6
r12j	36.6	55.9 64.0 42.9	77.0	33.8	1.000 0.125 0.000		c*12b	216.6	78.2	-28.1	-26.9	39.0
r25j	43.9	60.2 52.6 47.7	71.0	42.2	1.000 0.250 0.000		c*25b	223.9	76.1	-24.9	-30.4	39.5
r37j	51.8	64.0 42.7 51.9	67.2	50.5	1.000 0.375 0.000		c*37b	231.8	74.1	-21.4	-33.6	39.9
r50j	60.0	67.7 33.6 55.8	65.1	58.9	1.000 0.500 0.000		c*50b	240.0	72.1	-17.4	-36.3	40.4
r62j	68.2	71.4 24.9 59.3	64.3	67.2	1.000 0.625 0.000		c*62b	248.2	69.9	-13.4	-39.7	42.0
r75j	76.1	75.3 16.3 63.5	65.6	75.6	1.000 0.750 0.000		c*75b	256.1	67.5	-9.2	-43.8	44.9
r87j	83.4	79.5 7.1 67.4	67.7	84.0	1.000 0.875 0.000		c*87b	263.4	65.0	-4.2	-47.5	47.8
j00g=J	90.0	84.4 -2.8 72.1	72.1	92.3	1.000 1.000 0.000		b00m=B	270.0	62.3	1.6	-51.6	51.7
j12g	96.6	90.8 -15.2 78.2	79.6	101.1	0.875 1.000 0.000	Y	b12m'	276.6	58.7	9.0	-57.6	58.4
j25g	103.9	91.3 -27.9 77.9	82.8	109.8	0.750 1.000 0.000		b25m'	283.9	54.7	18.3	-63.8	66.4
j37g	111.8	89.1 -40.4 75.1	85.4	118.5	0.625 1.000 0.000		b37m'	291.8	49.6	30.6	-71.8	78.2
j50g	120.0	87.0 -54.9 72.3	90.9	127.3	0.500 1.000 0.000		b50m'	300.0	42.7	48.4	-83.1	96.3
j62g	128.2	84.8 -71.7 69.3	99.8	136.0	0.375 1.000 0.000		b62m'	308.2	43.5	62.1	-81.5	102.6
j75g	136.1	84.8 -70.5 49.9	86.4	144.7	0.250 1.000 0.000	L	b75m'	316.1	49.5	70.2	-71.6	100.3
j87g	143.4	85.3 -64.6 32.3	72.3	153.5	0.125 1.000 0.000		b87m'	323.4	55.3	77.9	-61.9	99.5
g00c=G	150.0	85.8 -59.3 19.0	62.4	162.2	0.000 1.000 0.000		m*00r=M	330.0	60.5	84.2	-51.3	98.7
g12c	156.6	86.2 -55.6 10.7	56.7	169.1	0.000 1.000 0.125		m*12r	336.6	58.9	79.8	-35.9	87.6
g25c	163.9	86.5 -52.0 3.7	52.3	175.9	0.000 1.000 0.250		m*25r	343.9	57.9	76.6	-23.6	80.2
g37c	171.8	86.8 -48.9 -2.3	49.1	182.8	0.000 1.000 0.375		m*37r	351.8	57.2	74.4	-13.1	75.6
g50c	180.0	87.1 -46.1 -7.7	46.9	189.6	0.000 1.000 0.500		m*50r	360.0	56.2	72.8	-3.7	72.9
g62c	188.2	87.4 -42.7 -12.5	44.6	196.4	0.000 1.000 0.625		m*62r	368.2	56.1	71.0	5.2	71.2
g75c	196.1	85.1 -39.4 -16.9	43.0	203.3	0.000 1.000 0.750	C	m*75r	376.1	55.7	69.9	13.9	71.3
g87c	203.4	82.7 -35.6 -20.6	41.3	210.1	0.000 1.000 0.875		m*87r	383.4	55.4	68.9	22.9	72.6

KE890-3N, 2

Interpretation <i>rgb</i> -> <i>rgb*</i> and CIELAB data of a 48 step elementary hue circle for a sRGB standard display with the luminance reflection $L_r=10\%$ compared to the white reference (100%)												
48 step elementary hue circle with hues: <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 217.7$, and <i>C' M'</i> = 217.0, 328.6 comparison with six device hues <i>OYLcVM</i> : $h_{ab,a} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ 9 step equidistant grey scale: $L^* = 38.0, 45.2, 52.3, 59.5, 66.7, 73.9, 81.1, 88.2, 95.4$												
<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab}] _{Ma,e}	<i>rgb</i> -> <i>rgb</i> * _{Ma}		<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab}] _{Ma,e}	<i>rgb</i> -> <i>rgb</i> * _{Ma}		<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab}] _{Ma,e}
r00j=R	30.0	58.9 58.9 28.1	65.3	25.5	1.000 0.000 0.000	O	c*00b=C'	210.0	81.6	-29.1	-21.9	36.6
r12j	36.6	61.2 51.9 34.8	62.5	33.8	1.000 0.125 0.000		c*12b	216.6	79.5	-25.7	-24.7	35.8
r25j	43.9	64.7 43.1 39.1	58.2	42.2	1.000 0.250 0.000		c*25b	223.9	77.7	-22.9	-27.9	36.2
r37j	51.8	67.8 35.4 43.0	55.7	50.5	1.000 0.375 0.000		c*37b	231.8	75.9	-19.6	-30.8	36.6
r50j	60.0	70.9 28.2 46.8	54.7	58.9	1.000 0.500 0.000		c*50b	240.0	74.0	-15.9	-33.3	37.0
r62j	68.2	73.9 21.0 50.0	54.3	67.2	1.000 0.625 0.000		c*62b	248.2	72.0	-12.3	-36.2	38.3
r75j	76.1	77.3 13.9 54.1	55.9	75.6	1.000 0.750 0.000		c*75b	256.1	69.8	-8.4	-40.0	41.0
r87j	83.4	80.9 6.1 58.0	58.3	84.0	1.000 0.875 0.000		c*87b	263.4	67.6	-3.8	-43.3	43.6
j00g=J	90.0	85.0 -2.4 62.6	72.6	92.3	1.000 1.000 0.000		b00m=B	270.0	65.1	1.4	-47.0	47.1
j12g	96.6	90.7 -13.3 68.7	73.0	101.1	0.875 1.000 0.000	Y	b12m'	276.6	61.8	8.2	-52.4	53.2
j25g	103.9	91.7 -24.8 69.3	73.7	109.8	0.750 1.000 0.000		b25m'	283.9	58.1	16.7	-58.2	60.7
j37g	111.8	89.8 -36.1 66.6	75.8	118.5	0.625 1.000 0.000		b37m'	291.8	53.3	28.1	-65.8	71.6
j50g	120.0	87.8 -48.5 63.8	80.2	127.3	0.500 1.000 0.000		b50m'	300.0	46.9	44.3	-76.1	88.1
j62g	128.2	85.8 -63.1 61.0	87.8	136.0	0.375 1.000 0.000		b62m'	308.2	50.7	53.2	-69.8	87.8
j75g	136.1	85.5 -64.5 45.7	79.2	144.7	0.250 1.000 0.000	L	b75m'	316.1	55.0	61.3	-62.6	87.7
j87g	143.4	86.0 -59.1 29.6	66.2	153.5	0.125 1.000 0.000		b87m'	323.4	59.6	69.2	-55.0	88.5
g00c=G	150.0	86.4 -54.3 17.4	57.1	162.2	0.000 1.000 0.000		m*00r=M	330.0	63.5	75.4	-45.9	88.3
g12c	156.6	86.8 -51.0 9.9	52.0	169.1	0.000 1.000 0.125		m*12r	336.6	62.2	71.2	-32.0	78.1
g25c	163.9	87.1 -47.8 3.4	48.0	175.9	0.000 1.000 0.250		m*25r	343.9	61.3	68.0	-20.9	71.2
g37c	171.8	87.4 -45.1 -2.1	45.2	182.8	0.000 1.000 0.375		m*37r	351.8	60.7	65.9	-11.6	66.9
g50c	180.0	87.6 -42.6 -7.1	43.3	189.6	0.000 1.000 0.500		m*50r	360.0	60.2	64.2	-3.2	64.3
g62c	188.2	87.9 -39.5 -11.6	41.3	196.4	0.000 1.000 0.625		m*62r	368.2	59.8	62.5	4.5	62.7
g75c	196.1	85.9 -36.4 -15.6	39.7	203.3	0.000 1.000 0.750	C	m*75r	376.1	59.2	61.2	12.2	62.4
g87c	203.4	83.7 -32.9 -19.0	38.1	210.1	0.000 1.000 0.875		m*87r	383.4	59.2	60.1	20.0	63.3

KE890-7N, 2

Interpretation <i>rgb</i> -> <i>rgb*</i> and CIELAB data of a 48 step elementary hue circle for a sRGB standard display with the luminance reflection $L_r=20\%$ compared to the white reference (100%)												
48 step elementary hue circle with hues: <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 217.7$, and <i>C' M'</i> = 217.0, 328.6 comparison with six device hues <i>OYLcVM</i> : $h_{ab,a} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ 9 step equidistant grey scale: $L^* = 52.0, 57.4, 62.9, 68.3, 73.7, 79.1, 84.6, 90.0, 95.4$												
<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab}] _{Ma,e}	<i>rgb</i> -> <i>rgb</i> * _{Ma}		<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab}] _{Ma,e}	<i>rgb</i> -> <i>rgb</i> * _{Ma}		<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab}] _{Ma,e}
r00j=R	30.0	65.7 44.6 21.2	49.4	25.5	1.000 0.000 0.000		c*00b=C'	210.0	83.8	-24.5	-18.4	30.8
r12j	36.6	68.5 37.6 25.2	45.2	33.8	1.000 0.125 0.000		c*12b	216.6	82.1	-21.4	-20.6	29.9
r25j	43.9	71.1 31.6 28.6	42.6	42.2	1.000 0.250 0.000		c*25b	223.9	80.6	-19.0	-23.3	30.2
r37j	51.8	73.4 26.0 31.6	40.9	50.5	1.000 0.375 0.000		c*37b	231.8	79.1	-16.3	-25.6	30.5
r50j	60.0	75.7 21.0 34.7	40.6	58.9	1.000 0.500 0.000		c*50b	240.0	77.6	-13.3	-27.7	30.9
r62j	68.2	78.0 15.8 37.6	40.8	67.2	1.000 0.625 0.000		c*62b	248.2	76.0	-10.1	-29.9	31.7
r75j	76.1	80.5 10.5 40.9	42.2	75.6	1.000 0.750 0.000		c*75b	256.1	74.2	-6.9	-33.0	33.9
r87j	83.4	83.2 4.7 44.2	44.5	84.0	1.000 0.875 0.000		c*87b	263.4	72.3	-3.1	-35.8	36.0
j00g=J	90.0	86.4 -1.8 48.2	48.2	92.3	1.000 1.000 0.000		b00m=B	270.0	70.3	1.2	-38.8	38.9
j12g	96.6	90.8 -10.4 53.6	54.6	101.1	0.875 1.000 0.000	Y	b12m'	276.6	67.6	6.7	-43.1	43.7
j25g	103.9	92.5 -19.8 55.3	58.8	109.8	0.750 1.000 0.000		b25m'	283.9	64.4	13.8	-48.0	50.1
j37g	111.8	90.9 -28.7 52.9	60.3	118.5	0.625 1.000 0.000		b37m'	291.8	60.3	23.2	-54.4	59.3
j50g	120.0	89.2 -38.3 50.5	63.5	127.3	0.500 1.000 0.000		b50m'	300.0	58.2	33.6	-57.7	66.8
j62g	128.2	87.5 -49.6 47.9	69.0	136.0	0.375 1.000 0.000		b62m'	308.2	60.8	40.8	-53.4	67.3
j75g	136.1	86.8 -53.7 38.0	65.8	144.7	0.250 1.000 0.000	L	b75m'	316.1	63.5	47.9	-48.8	68.5
j87g	143.4	87.3 -49.1 24.5	54.9	153.5	0.125 1.000 0.000		b87m'	323.4	66.6	55.2	-43.8	70.5
g00c=G	150.0	87.7 -45.1 14.5	47.5	162.2	0.000 1.000 0.000		m*00r=M	330.0	69.0	60.2	-36.6	70.5
g12c	156.6	88.0 -42.5 8.2	43.4	169.1	0.000 1.000 0.125		m*12r	336.6	68.1	56.5	-25.4	62.0
g25c	163.9	88.2 -39.9 2.9	40.1	175.9	0.000 1.000 0.250		m*25r	343.9	67.4	53.7	-16.5	56.2