

rgb -> *rgb** and CIE data of a elementary hue circle according to CIE R1-47:2009 for photo printer

16 step elementary hue circle: $h_{ab} = 25.4, 92.3, 162.2, 271.7$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>r00j</i> =R	34.1	61.4	29.2	68.0	25.4	1.00 0.00 0.00
<i>r25j</i>	39.9	54.2	49.2	73.2	42.2	1.00 0.25 0.00
<i>r50j</i>	52.8	38.2	63.2	73.9	58.8	1.00 0.50 0.00
<i>r75j</i>	65.4	20.5	79.9	82.5	75.5	1.00 0.75 0.00
<i>j00g</i> =J	83.9	-4.3	106.1	106.2	92.3	1.00 1.00 0.00
<i>j25g</i>	70.7	-31.0	86.2	91.6	109.8	0.75 1.00 0.00
<i>j50g</i>	57.4	-50.3	66.1	83.1	127.2	0.50 1.00 0.00
<i>j75g</i>	43.6	-62.7	44.2	76.7	144.7	0.25 1.00 0.00
<i>g00b</i> =G	46.8	-58.9	18.9	61.8	162.1	0.00 1.00 0.00
<i>g25b</i>	49.7	-45.9	-7.7	46.6	189.5	0.00 1.00 0.50
<i>g50b</i>	51.7	-33.5	-25.4	41.9	217.0	0.00 1.00 1.00
<i>g75b</i>	46.8	-17.2	-35.9	39.9	244.3	0.00 0.50 1.00
<i>b00r</i> =B	38.1	1.3	-43.4	43.5	271.7	0.00 0.00 1.00
<i>b25r</i>	24.2	31.0	-53.4	61.7	300.1	0.50 0.00 1.00
<i>b50r</i>	30.3	68.8	-42.0	80.6	328.6	1.00 0.00 1.00
<i>b75r</i>	35.8	67.2	-3.4	67.3	357.0	1.00 0.00 0.50

5 step equidistant grey scale: $L^* = 8.6, 29.6, 50.6, 71.6, 92.6$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>n000w</i> =N	8.7	0.0	0.0	0.0	1.2	0.00 0.00 0.00
<i>n025w</i>	29.6	-0.3	-7.1	7.1	266.8	0.25 0.25 0.25
<i>n050w</i>	50.7	-2.8	-5.4	6.1	242.2	0.50 0.50 0.50
<i>n075w</i>	71.7	-1.8	-5.0	5.3	250.0	0.75 0.75 0.75
<i>n100w</i> =W	92.6	0.0	0.0	0.0	220.9	1.00 1.00 1.00

KE110-3N, photo printer, printer separation olv*

rgb -> *rgb** and CIE data of a elementary hue circle according to CIE R1-47:2009 for offset print

16 step elementary hue circle: $h_{ab} = 25.4, 92.3, 162.2, 271.7$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>r00j</i> =R	48.7	66.7	31.8	73.9	25.4	1.00 0.00 0.00
<i>r25j</i>	54.5	52.9	47.9	71.4	42.2	1.00 0.25 0.00
<i>r50j</i>	63.2	35.0	58.0	67.8	58.9	1.00 0.50 0.00
<i>r75j</i>	72.7	17.6	68.8	71.1	75.5	1.00 0.75 0.00
<i>j00g</i> =J	86.1	-3.3	83.2	83.3	92.3	1.00 1.00 0.00
<i>j25g</i>	77.8	-25.0	69.6	74.0	109.8	0.75 1.00 0.00
<i>j50g</i>	67.1	-40.9	53.7	67.6	127.3	0.50 1.00 0.00
<i>j75g</i>	59.6	-55.6	39.3	68.2	144.7	0.25 1.00 0.00
<i>g00b</i> =G	56.9	-61.5	19.6	64.5	162.2	0.00 1.00 0.00
<i>g25b</i>	59.3	-50.5	-8.5	51.2	189.5	0.00 1.00 0.50
<i>g50b</i>	61.3	-39.1	-29.4	49.0	216.9	0.00 1.00 1.00
<i>g75b</i>	56.0	-20.6	-43.0	47.7	244.3	0.00 0.50 1.00
<i>b00r</i> =B	41.2	1.3	-45.0	45.0	271.7	0.00 0.00 1.00
<i>b25r</i>	27.5	27.2	-46.9	54.2	300.1	0.50 0.00 1.00
<i>b50r</i>	37.4	50.1	-30.6	58.7	328.5	1.00 0.00 1.00
<i>b75r</i>	49.4	72.4	-3.7	72.5	357.0	1.00 0.00 0.50

5 step equidistant grey scale: $L^* = 22.2, 40.7, 59.3, 77.8, 96.3$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>n000w</i> =N	22.5	0.0	0.0	0.0	37.9	0.00 0.00 0.00
<i>n025w</i>	40.8	-0.3	-1.4	1.4	256.8	0.25 0.25 0.25
<i>n050w</i>	59.2	-0.3	-1.8	1.8	258.1	0.50 0.50 0.50
<i>n075w</i>	77.8	-0.2	-1.4	1.4	259.2	0.75 0.75 0.75
<i>n100w</i> =W	96.4	0.0	0.0	0.0	100.0	1.00 1.00 1.00

KE110-7N, Offset print, model separation cmyn6*

rgb -> *rgb** and CIE data of a elementary hue circle according to CIE R1-47:2009 for photo printer

3 colours of the elementary hues RJGB: $h_{ab} = 25.4, 92.3, 162.2, 271.7$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>r00j</i> =R	34.1	61.4	29.2	68.0	25.4	1.00 0.00 0.00
<i>0,5(R+N)</i>	21.4	30.7	14.6	34.0	25.4	0.50 0.00 0.00
<i>0,5(R+W)</i>	63.4	30.7	14.6	34.0	25.4	1.00 0.50 0.50
<i>j00g</i> =J	83.9	-4.3	106.1	106.2	92.3	1.00 1.00 0.00
<i>0,5(J+N)</i>	46.2	-2.1	53.0	53.1	92.3	0.50 0.50 0.00
<i>0,5(J+W)</i>	88.3	-2.1	53.0	53.1	92.3	1.00 1.00 0.50
<i>g00b</i> =G	46.8	-58.9	18.9	61.8	162.1	0.00 1.00 0.00
<i>0,5(G+N)</i>	27.7	-29.4	9.4	30.9	162.1	0.00 0.50 0.00
<i>0,5(G+W)</i>	69.7	-29.4	9.4	30.9	162.1	0.50 1.00 0.50
<i>b00r</i> =B	38.1	1.3	-43.4	43.5	271.7	0.00 0.00 1.00
<i>0,5(B+N)</i>	23.4	0.6	-21.7	21.7	271.7	0.00 0.00 0.50
<i>0,5(B+W)</i>	65.4	0.6	-21.7	21.7	271.7	0.50 0.50 1.00

5 step equidistant grey scale: $L^* = 8.6, 29.6, 50.6, 71.6, 92.6$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>n000w</i> =N	8.7	0.0	0.0	0.0	1.2	0.00 0.00 0.00
<i>n025w</i>	29.6	-0.3	-7.1	7.1	266.8	0.25 0.25 0.25
<i>n050w</i>	50.7	-2.8	-5.4	6.1	242.2	0.50 0.50 0.50
<i>n075w</i>	71.7	-1.8	-5.0	5.3	250.0	0.75 0.75 0.75
<i>n100w</i> =W	92.6	0.0	0.0	0.0	220.9	1.00 1.00 1.00

KE110-4N, photo printer, printer separation olv*

rgb -> *rgb** and CIE data of a elementary hue circle according to CIE R1-47:2009 for offset print

3 colours of the elementary hues RJGB: $h_{ab} = 25.4, 92.3, 162.2, 271.7$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>r00j</i> =R	48.7	66.7	31.8	73.9	25.4	1.00 0.00 0.00
<i>0,5(R+N)</i>	35.5	33.3	15.9	36.9	25.4	0.50 0.00 0.00
<i>0,5(R+W)</i>	72.5	33.3	15.9	36.9	25.4	1.00 0.50 0.50
<i>j00g</i> =J	86.1	-3.3	83.2	83.3	92.3	1.00 1.00 0.00
<i>0,5(J+N)</i>	54.2	-1.6	41.6	41.6	92.3	0.50 0.50 0.00
<i>0,5(J+W)</i>	91.2	-1.6	41.6	41.6	92.3	1.00 1.00 0.50
<i>g00b</i> =G	56.9	-61.5	19.6	64.5	162.2	0.00 1.00 0.00
<i>0,5(G+N)</i>	39.6	-30.7	9.8	32.2	162.2	0.00 0.50 0.00
<i>0,5(G+W)</i>	76.6	-30.7	9.8	32.2	162.2	0.50 1.00 0.50
<i>b00r</i> =B	41.2	1.3	-45.0	45.0	271.7	0.00 0.00 1.00
<i>0,5(B+N)</i>	31.7	0.6	-22.5	22.5	271.7	0.00 0.00 0.50
<i>0,5(B+W)</i>	68.8	0.6	-22.5	22.5	271.7	0.50 0.50 1.00

5 step equidistant grey scale: $L^* = 22.2, 40.7, 59.3, 77.8, 96.3$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>n000w</i> =N	22.5	0.0	0.0	0.0	37.9	0.00 0.00 0.00
<i>n025w</i>	40.8	-0.3	-1.4	1.4	256.8	0.25 0.25 0.25
<i>n050w</i>	59.2	-0.3	-1.8	1.8	258.1	0.50 0.50 0.50
<i>n075w</i>	77.8	-0.2	-1.4	1.4	259.2	0.75 0.75 0.75
<i>n100w</i> =W	96.4	0.0	0.0	0.0	100.0	1.00 1.00 1.00

KE110-8N, Offset print, model separation cmyn6*

rgb -> *rgb** and CIE data of a elementary hue circle according to CIE R1-47:2009 for laser printer

16 step elementary hue circle: $h_{ab} = 25.4, 92.3, 162.2, 271.7$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>r00j</i> =R	48.2	65.2	31.0	72.2	25.4	1.00 0.00 0.00
<i>r25j</i>	51.8	57.4	52.0	77.5	42.1	1.00 0.25 0.00
<i>r50j</i>	61.9	37.5	62.1	72.5	58.8	1.00 0.50 0.00
<i>r75j</i>	72.0	18.5	72.0	74.4	75.5	1.00 0.75 0.00
<i>j00g</i> =J	84.7	-3.4	85.8	85.9	92.2	1.00 1.00 0.00
<i>j25g</i>	83.4	-28.5	79.1	84.1	109.8	0.75 1.00 0.00
<i>j50g</i>	70.1	-43.1	56.8	71.3	127.2	0.50 1.00 0.00
<i>j75g</i>	59.5	-59.6	42.1	73.0	144.7	0.25 1.00 0.00
<i>g00b</i> =G	57.9	-55.5	17.8	58.3	162.2	0.00 1.00 0.00
<i>g25b</i>	58.9	-44.4	-7.4	45.0	189.5	0.00 1.00 0.50
<i>g50b</i>	54.0	-38.6	-29.1	48.3	217.0	0.00 1.00 1.00
<i>g75b</i>	50.5	-23.4	-48.8	54.1	244.3	0.00 0.50 1.00
<i>b00r</i> =B	36.8	1.4	-48.3	48.4	271.7	0.00 0.00 1.00
<i>b25r</i>	37.0	23.4	-40.4	46.7	300.1	0.50 0.00 1.00
<i>b50r</i>	41.0	47.8	-29.2	56.0	328.5	1.00 0.00 1.00
<i>b75r</i>	48.0	75.0	-3.8	75.1	357.0	1.00 0.00 0.50

5 step equidistant grey scale: $L^* = 12.9, 34.0, 55.1, 76.1, 97.2$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	<i>rgb</i> -> <i>rgb*</i>
<i>n000w</i> =N	13.9	0.0	-0.2	0.2	266.4	0.00 0.00 0.00
<i>n025w</i>	34.0	0.0	-1.3	1.3	267.9	0.25 0.25 0.25
<i>n050w</i>	55.1	0.0	-1.3	1.3	270.7	0.50 0.50 0.50
<i>n075w</i>	76.1	0.0	-0.7	0.7	276.4	0.75 0.75 0.75
<i>n100w</i> =W	97.3	0.0	0.0	0.0	150.4	1.00 1.00 1.00

KE111-3N, Laser printer, printer separation olv*

rgb -> *rgb** and CIE data of a elementary hue circle according to CIE R1-47:2009 for laser printer

16 step elementary hue circle: $h_{ab} = 25.4, 92.3, 162.2, 271.7$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
r00j=R	45.1	61.9	29.5	68.6	25.4	1.00 0.00 0.00
r25j	51.5	57.4	52.1	77.5	42.2	1.00 0.25 0.00
r50j	61.7	37.6	62.4	72.9	58.9	1.00 0.50 0.00
r75j	72.0	18.4	71.8	74.1	75.6	1.00 0.75 0.00
j00g=J	84.8	-2.9	74.1	74.2	92.3	1.00 1.00 0.00
j25g	83.4	-28.0	77.6	82.5	109.8	0.75 1.00 0.00
j50g	69.7	-43.5	57.2	71.8	127.2	0.50 1.00 0.00
j75g	60.1	-57.8	40.9	70.8	144.7	0.25 1.00 0.00
g00b=G	56.2	-60.0	19.2	63.0	162.2	0.00 1.00 0.00
g25b	57.4	-47.0	-7.9	47.7	189.6	0.00 1.00 0.50
g50b	54.5	-38.1	-28.7	47.7	216.9	0.00 1.00 1.00
g75b	48.9	-22.9	-47.9	53.1	244.3	0.00 0.50 1.00
b00r=B	34.9	1.5	-48.9	48.9	271.7	0.00 0.00 1.00
b25r	30.7	24.9	-42.9	49.6	300.1	0.50 0.00 1.00
b50r	33.8	49.0	-29.9	57.4	328.6	1.00 0.00 1.00
b75r	44.6	69.9	-3.6	70.0	357.0	1.00 0.00 0.50