

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

Code	L*a	a*a	b*a	C* _{ab,a}	<i>h</i> _{ab}	<i>rgb</i> → <i>rgb</i> *
Red R of the elementary hues <i>RJGB</i> : <i>h</i> _{ab,a} = 25.4, 92.3, 162.2, 271.7						
<i>r00j</i> =R	34.1	61.4	29.2	68.0	25.4	1.00 0.00 0.00
0,5(R+N)	21.4	30.7	14.6	34.0	25.4	0.50 0.00 0.00
0,5(R+W)	63.4	30.7	14.6	34.0	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 8.6, 29.6, 50.6, 71.6, 92.6						
<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

KE350-1N, photo printer, printer separation olv*

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

Code	L*a	a*a	b*a	C* _{ab,a}	<i>h</i> _{ab}	<i>rgb</i> → <i>rgb</i> *
16 step elementary hue circle <i>RJGB</i> : <i>h</i> _{ab} = 25.4, 92.3, 162.2, 271.7						
<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
5 step equidistant grey scale: L* = 8.6, 29.6, 50.6, 71.6, 92.6						
<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

KE350-2N, photo printer, printer separation olv*

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

Code	L*a	a*a	b*a	C* _{ab,a}	<i>h</i> _{ab}	<i>rgb</i> → <i>rgb</i> *
Red R of the elementary hues <i>RJGB</i> : <i>h</i> _{ab,a} = 25.4, 92.3, 162.2, 271.7						
<i>r00j</i> =R	48.7	66.7	31.8	73.9	25.4	1.00 0.00 0.00
0,5(R+N)	35.5	33.3	15.9	36.9	25.4	0.50 0.00 0.00
0,5(R+W)	72.5	33.3	15.9	36.9	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 22.2, 40.7, 59.3, 77.8, 96.3						
<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

KE350-3N, Offset print, model separation cmy6*

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

Code	L*a	a*a	b*a	C* _{ab,a}	<i>h</i> _{ab}	<i>rgb</i> → <i>rgb</i> *
16 step elementary hue circle <i>RJGB</i> : <i>h</i> _{ab} = 25.4, 92.3, 162.2, 271.7						
<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
5 step equidistant grey scale: L* = 22.2, 40.7, 59.3, 77.8, 96.3						
<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

KE350-4N, Offset print, model separation cmy6*

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

Code	L*a	a*a	b*a	C* _{ab,a}	<i>h</i> _{ab}	<i>rgb</i> → <i>rgb</i> *
Red R of the elementary hues <i>RJGB</i> : <i>h</i> _{ab,a} = 25.4, 92.3, 162.2, 271.7						
<i>r00j</i> =R	48.2	65.2	31.0	72.2	25.4	1.00 0.00 0.00
0,5(R+N)	30.5	32.6	15.5	36.1	25.4	0.50 0.00 0.00
0,5(R+W)	72.7	32.6	15.5	36.1	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 12.9, 34.0, 55.1, 76.1, 97.2						
<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

KE350-5N, Laser printer, printer separation olv*

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

Code	L*a	a*a	b*a	C* _{ab,a}	<i>h</i> _{ab}	<i>rgb</i> → <i>rgb</i> *
16 step elementary hue circle <i>RJGB</i> : <i>h</i> _{ab} = 25.4, 92.3, 162.2, 271.7						
<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
5 step equidistant grey scale: L* = 12.9, 34.0, 55.1, 76.1, 97.2						
<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

KE350-6N, Laser printer, printer separation olv*

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

Code	L*a	a*a	b*a	C* _{ab,a}	<i>h</i> _{ab}	<i>rgb</i> → <i>rgb</i> *
Red R of the elementary hues <i>RJGB</i> : <i>h</i> _{ab,a} = 25.4, 92.3, 162.2, 271.7						
<i>r00j</i> =R	45.1	61.9	29.5	68.6	25.4	1.00 0.00 0.00
0,5(R+N)	29.0	30.9	14.7	34.3	25.4	0.50 0.00 0.00
0,5(R+W)	71.1	30.9	14.7	34.3	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 13.0, 34.0, 55.0, 76.1, 97.1						
<i>n000w</i> =N	14.0	0.0	0.1	0.1	85.7	0.00 0.00 0.00
<i>n025w</i>	34.1	0.0	-0.9	0.9	270.7	0.25 0.25 0.25
<i>n050w</i>	55.1	0.1	-1.0	1.0	277.2	0.50 0.50 0.50
<i>n075w</i>	76.1	0.2	-0.6	0.6	289.2	0.75 0.75 0.75
<i>n100w</i> =W	97.2	0.0	0.1	0.1	110.1	1.00 1.00 1.00

KE350-7N, Laser printer, model separation cmy62*

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

Code	L*a	a*a	b*a	C* _{ab,a}	<i>h</i> _{ab}	<i>rgb</i> → <i>rgb</i> *
16 step elementary hue circle <i>RJGB</i> : <i>h</i> _{ab} = 25.4, 92.3, 162.2, 271.7						
<i>r00j</i> =R	45.1	61.9	29.5	68.6	25.4	1.00 0.00 0.00
<i>r25j</i>	51.5	57.4	52.1	77.5	42.2	1.00 0.25 0.00
<i>r50j</i>	61.7	37.6	62.4	72.9	58.9	1.00 0.50 0.00
<i>r75j</i>	72.0	18.4	71.8	74.1	75.6	1.00 0.75 0.00
5 step equidistant grey scale: L* = 13.0, 34.0, 55.0, 76.1, 97.1						
<i>n000w</i> =N	14.0	0.0	0.1	0.1	85.7	0.00 0.00 0.00
<i>n025w</i>	34.1	0.0	-0.9	0.9	270.7	0.25 0.25 0.25
<i>n050w</i>	55.1	0.1	-1.0	1.0	277.2	0.50 0.50 0.50
<i>n075w</i>	76.1	0.2	-0.6	0.6	289.2	0.75 0.75 0.75
<i>n100w</i> =W	97.2	0.0	0.1	0.1	110.1	1.00 1.00 1.00

KE350-8N, Laser printer, model separation cmy62*

Interpretation *rgb* → *olv** and CIELAB data for photo printer, printer separation olv*

48 step device hue circle with six device hues OYL_{CVM}:
*h*_{ab,a} = 34.9, 92.5, 143.1, 226.7, 311.9, 337.2

4 elementary hues *RJGB*: *h*_{ab,a} = 25.4, 92.3, 162.2, 271.7

Code	L*	a*a	b*a	C* _{ab}	<i>h</i> _{ab,a}	<i>rgb</i> → <i>olv</i> *
<i>o00y</i> =O	34.5	59.5	41.6	72.6	34.9	1.00 0.00 0.00
<i>o12y</i>	42.3	52.0	50.4	72.5	44.1	1.00 0.12 0.00
<i>o25y</i>	50.6	41.2	60.5	73.2	55.7	1.00 0.25 0.00
<i>o37y</i>	58.4	30.4	70.3	76.6	66.5	1.00 0.37 0.00
<i>o50y</i>	66.4	19.1	81.2	83.5	76.7	1.00 0.50 0.00
<i>o62y</i>	73.3	9.8	90.7	91.3	83.8	1.00 0.62 0.00
<i>o75y</i>	79.3	1.9	99.2	99.2	88.8	1.00 0.75 0.00
<i>o87y</i>	84.1	-4.5	106.4	106.5	92.4	1.00 0.87 0.00

KE351-1N

Interpretation *rgb* → *olv** and CIELAB data for offset print, model separation cmy6*

48 step device hue circle with six device hues OYL_{CVM}:
*h*_{ab,a} = 31.3, 96.2, 152.5, 233.9, 298.7, 353.0

4 elementary hues *RJGB*: *h*_{ab,a} = 25.4, 92.3, 162.2, 271.7

Code	L*	a*a	b*a	C* _{ab}	<i>h</i> _{ab,a}	<i>rgb</i> → <i>olv</i> *
<i>o00y</i> =O	48.4	66.2	40.3	77.5	31.3	1.00 0.00 0.00
<i>o12y</i>	52.8	56.7	45.9	72.9	38.9	1.00 0.12 0.00
<i>o25y</i>	57.4	46.7	51.2	69.4	47.6	1.00 0.25 0.00
<i>o37y</i>	62.8	35.8	57.6	67.8	58.1	1.00 0.37 0.00
<i>o50y</i>	68.6	25.0	64.1	68.8	68.6	1.00 0.50 0.00
<i>o62y</i>	74.5	14.6	70.8	72.3	78.2	1.00 0.62 0.00
<i>o75y</i>	80.0	5.8	76.6	76.8	85.6	1.00 0.75 0.00
<i>o87y</i>	85.1	-2.0	82.0	82.0	91.4	1.00 0.87 0.00

KE351-3N

Interpretation *rgb* → *olv** and CIELAB data for laser printer, printer separation olv*

48 step device hue circle with six device hues OYL_{CVM}:
*h*_{ab,a} = 33.0, 100.4, 143.3, 206.6, 264.0, 351.1

4 elementary hues *RJGB*: *h*_{ab,a} = 25.4, 92.3, 162.2, 271.7

Code	L*	a*	b*	C* _{ab}	h _{ab,a}	rgb → olv*
<i>o00y</i> =O	48.1	64.4	41.8	76.8	33.0	1.00 0.00 0.00
<i>o12y</i>	48.9	63.2	42.5	76.1	33.9	1.00 0.12 0.00
<i>o25y</i>	49.8	61.3	49.2	78.6	38.7	1.00 0.25 0.00
<i>o37y</i>	54.8	51.5	55.1	75.5	46.9	1.00 0.37 0.00
<i>o50y</i>	63.0	35.4	63.1	72.4	60.6	1.00 0.50 0.00
<i>o62y</i>	72.0	18.5	72.0	74.3	75.5	1.00 0.62 0.00
<i>o75y</i>	80.7	3.2	81.1	81.1	87.7	1.00 0.75 0.00
<i>o87y</i>	88.8	-10.0	90.8	91.3	96.3	1.00 0.87 0.00