

Interpretation *rgb* -> *ol** and CIELAB data of a 48 step device hue circle for photo printer, printer separation *ol**

48 step device hue circle with six device hues OYLVCVM: $h_{ab,a} = 34.9, 92.5, 143.1, 226.7, 311.9, 337.2$

Comparison with four elementary hues *RJGB*: $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$

Code	L*	a*	b*	C* _{ab}	<i>h</i> _{ab,a}	<i>rgb</i> -> <i>ol*</i>	Code	L*	a*	b*	C* _{ab}	<i>h</i> _{ab,a}	<i>rgb</i> -> <i>ol*</i>
o00y=O	34.5	59.5	41.6	72.6	34.9	1.00 0.00 0.00	c00v=C	52.2	-28.9	-30.8	42.3	226.7	0.00 1.00 1.00
o12y	42.3	52.0	50.4	72.5	44.1	1.00 0.12 0.00	c12v	52.2	-28.8	-30.9	42.2	227.0	0.00 0.87 1.00
o25y	50.6	41.2	60.5	73.2	55.7	1.00 0.25 0.00	c25v	49.9	-23.8	-33.1	40.8	234.2	0.00 0.75 1.00
o37y	58.4	30.4	70.3	76.6	66.5	1.00 0.37 0.00	c37v	46.3	-16.2	-36.4	39.8	245.9	0.00 0.62 1.00
o50y	66.4	19.1	81.2	83.5	76.7	1.00 0.50 0.00	c50v	41.6	-6.0	-40.6	41.0	261.5	0.00 0.50 1.00
o62y	73.3	9.8	90.7	91.3	83.8	1.00 0.62 0.00	c62v	35.1	7.7	-45.9	46.5	279.6	0.00 0.37 1.00
o75y	79.3	1.9	99.2	99.2	88.8	1.00 0.75 0.00	c75v	28.1	22.7	-51.0	55.8	294.0	0.00 0.25 1.00
o87y	84.1	-4.5	106.4	106.5	92.4	1.00 0.87 0.00	c87v	20.7	38.1	-55.2	67.1	304.6	0.00 0.12 1.00
y00l=Y	84.3	-4.8	106.8	106.9	92.5	1.00 1.00 0.00	v00m=V	13.4	51.3	-57.1	76.8	311.9	0.00 0.00 1.00
y12l	83.8	-5.5	106.1	106.2	93.0	0.87 1.00 0.00	v12m	16.0	53.5	-57.0	78.2	313.2	0.12 0.00 1.00
y25l	79.4	-15.5	99.4	100.6	98.8	0.75 1.00 0.00	v25m	18.9	56.1	-55.2	78.7	315.4	0.25 0.00 1.00
y37l	72.9	-27.4	89.5	93.6	107.0	0.62 1.00 0.00	v37m	22.1	59.4	-51.5	78.6	319.0	0.37 0.00 1.00
y50l	66.5	-37.3	79.8	88.1	115.0	0.50 1.00 0.00	v50m	25.6	63.0	-47.8	79.1	322.8	0.50 0.00 1.00
y62l	61.0	-45.2	71.5	84.6	122.3	0.37 1.00 0.00	v62m	29.6	67.8	-43.0	80.3	327.6	0.62 0.00 1.00
y75l	56.0	-52.0	64.2	82.6	129.0	0.25 1.00 0.00	v75m	33.4	73.4	-37.4	82.4	332.9	0.75 0.00 1.00
y87l	49.8	-58.2	55.6	80.5	136.3	0.12 1.00 0.00	v87m	36.7	78.0	-33.2	84.8	336.9	0.87 0.00 1.00
l00c=L	43.6	-62.5	46.9	78.2	143.1	0.00 1.00 0.00	m00o=M	36.9	78.4	-32.8	85.0	337.2	1.00 0.00 1.00
l12c	45.8	-61.2	28.0	67.4	155.4	0.00 1.00 0.12	m12o	36.9	78.3	-32.6	84.8	337.4	1.00 0.00 0.87
l25c	47.2	-57.6	15.4	59.7	164.9	0.00 1.00 0.25	m25o	36.9	77.0	-29.8	82.6	338.8	1.00 0.00 0.75
l37c	48.2	-52.8	4.4	53.0	175.1	0.00 1.00 0.37	m37o	36.6	74.4	-24.2	78.3	341.9	1.00 0.00 0.62
l50c	49.6	-46.7	-6.5	47.1	187.9	0.00 1.00 0.50	m50o	36.3	71.2	-16.0	73.0	347.3	1.00 0.00 0.50
l62c	50.7	-39.5	-17.2	43.1	203.5	0.00 1.00 0.62	m62o	35.8	68.1	-6.4	68.4	354.6	1.00 0.00 0.37
l75c	51.7	-33.3	-25.5	41.9	217.4	0.00 1.00 0.75	m75o	35.5	65.2	4.5	65.4	3.9	1.00 0.00 0.25
l87c	52.2	-29.6	-30.1	42.2	225.5	0.00 1.00 0.87	m87o	35.0	62.5	17.9	65.0	16.0	1.00 0.00 0.12

KE190-3N, Page 1/1, %BEG 'KK0X'GE27_22.TXT

Interpretation *rgb* -> *ol** and CIELAB data of a 48 step device hue circle for offset print, model separation *cmyn6**

48 step device hue circle with six device hues OYLVCVM: $h_{ab,a} = 31.3, 96.2, 152.5, 233.9, 298.7, 353.0$

Comparison with four elementary hues *RJGB*: $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$

Code	L*	a*	b*	C* _{ab}	<i>h</i> _{ab,a}	<i>rgb</i> -> <i>ol*</i>	Code	L*	a*	b*	C* _{ab}	<i>h</i> _{ab,a}	<i>rgb</i> -> <i>ol*</i>
o00y=O	48.4	66.2	40.3	77.5	31.3	1.00 0.00 0.00	c00v=C	63.0	-30.5	-41.9	51.8	233.9	0.00 1.00 1.00
o12y	52.8	56.7	45.9	72.9	38.9	1.00 0.12 0.00	c12v	59.1	-24.9	-42.6	49.4	239.6	0.00 0.87 1.00
o25y	57.4	46.7	51.2	69.4	47.6	1.00 0.25 0.00	c25v	55.3	-19.6	-43.1	47.4	245.5	0.00 0.75 1.00
o37y	62.8	35.8	57.6	67.8	58.1	1.00 0.37 0.00	c37v	50.4	-12.9	-43.9	45.7	253.6	0.00 0.62 1.00
o50y	68.6	25.0	64.1	68.8	68.6	1.00 0.50 0.00	c50v	45.7	-5.7	-44.6	44.9	262.6	0.00 0.50 1.00
o62y	74.5	14.6	70.8	72.3	78.2	1.00 0.62 0.00	c62v	40.7	2.2	-45.0	45.1	272.8	0.00 0.37 1.00
o75y	80.0	5.8	76.6	76.8	85.6	1.00 0.75 0.00	c75v	36.6	9.2	-45.9	46.8	281.3	0.00 0.25 1.00
o87y	85.1	-2.0	82.0	82.0	91.4	1.00 0.87 0.00	c87v	32.4	16.8	-46.6	49.5	289.8	0.00 0.12 1.00
y00l=Y	90.2	-9.6	88.3	88.8	96.2	1.00 1.00 0.00	v00m=V	27.5	26.0	-47.3	54.0	298.7	0.00 0.00 1.00
y12l	86.4	-14.5	83.3	84.5	99.9	0.87 1.00 0.00	v12m	29.6	34.0	-42.7	54.6	308.4	0.12 0.00 1.00
y25l	82.7	-18.9	79.6	81.8	103.4	0.75 1.00 0.00	v25m	31.3	40.8	-37.8	55.6	317.1	0.25 0.00 1.00
y37l	77.5	-25.5	69.0	73.5	110.2	0.62 1.00 0.00	v37m	35.4	44.8	-34.5	56.6	322.4	0.37 0.00 1.00
y50l	73.3	-31.7	62.8	70.4	116.8	0.50 1.00 0.00	v50m	38.3	52.7	-28.5	59.9	331.5	0.50 0.00 1.00
y62l	68.7	-38.7	56.8	68.8	124.3	0.37 1.00 0.00	v62m	40.9	59.1	-22.2	63.1	339.4	0.62 0.00 1.00
y75l	62.4	-48.6	43.9	65.5	137.9	0.25 1.00 0.00	v75m	44.9	63.2	-18.7	65.9	343.4	0.75 0.00 1.00
y87l	59.3	-56.5	38.9	68.6	145.4	0.12 1.00 0.00	v87m	47.4	68.2	-14.0	69.7	348.3	0.87 0.00 1.00
l00c=L	55.8	-65.2	33.9	73.5	152.5	0.00 1.00 0.00	m00o=M	49.5	73.5	-8.9	74.1	353.0	1.00 0.00 1.00
l12c	56.7	-62.6	23.5	66.9	159.4	0.00 1.00 0.12	m12o	49.4	72.3	-3.6	72.4	357.1	1.00 0.00 0.87
l25c	57.5	-59.1	12.7	60.5	167.8	0.00 1.00 0.25	m25o	49.2	71.2	1.1	71.3	0.8	1.00 0.00 0.75
l37c	58.5	-54.5	0.8	54.5	179.0	0.00 1.00 0.37	m37o	49.3	69.7	7.0	70.0	5.8	1.00 0.00 0.62
l50c	59.3	-50.3	-8.9	51.1	190.1	0.00 1.00 0.50	m50o	48.9	69.3	13.0	70.5	10.6	1.00 0.00 0.50
l62c	60.1	-45.8	-18.0	49.3	201.4	0.00 1.00 0.62	m62o	48.9	68.2	19.2	70.9	15.7	1.00 0.00 0.37
l75c	61.0	-40.8	-26.7	48.8	213.2	0.00 1.00 0.75	m75o	48.8	67.1	27.1	72.4	22.0	1.00 0.00 0.25
l87c	61.9	-36.1	-34.0	49.6	223.3	0.00 1.00 0.87	m87o	48.6	66.5	33.8	74.6	26.9	1.00 0.00 0.12

KE190-7N, Page 1/1, %BEG 'KK0X'REM_OFFS04_080929_3.TXT

Interpretation *rgb* -> *ol** and CIELAB data of a 48 step device hue circle for laser printer, printer separation *ol**

48 step device hue circle with six device hues OYLVCVM: $h_{ab,a} = 33.0, 100.4, 143.3, 206.6, 264.0, 351.1$

Comparison with four elementary hues *RJGB*: $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$

Code	L*	a*	b*	C* _{ab}	<i>h</i> _{ab,a}	<i>rgb</i> -> <i>ol*</i>	Code	L*	a*	b*	C* _{ab}	<i>h</i> _{ab,a}	<i>rgb</i> -> <i>ol*</i>
o00y=O	48.1	64.4	41.8	76.8	33.0	1.00 0.00 0.00	c00v=C	56.3	-40.9	-20.5	45.8	206.6	0.00 1.00 1.00
o12y	48.9	63.2	42.5	76.1	33.9	1.00 0.12 0.00	c12v	52.4	-36.0	-35.4	50.5	224.4	0.00 0.87 1.00
o25y	49.8	61.3	49.2	78.6	38.7	1.00 0.25 0.00	c25v	51.2	-25.4	-48.1	54.4	242.1	0.00 0.75 1.00
o37y	54.8	51.5	55.1	75.5	46.9	1.00 0.37 0.00	c37v	48.1	-19.1	-48.1	51.7	248.3	0.00 0.62 1.00
o50y	63.0	35.4	63.1	72.4	60.6	1.00 0.50 0.00	c50v	45.4	-14.6	-48.1	50.3	253.0	0.00 0.50 1.00
o62y	72.0	18.5	72.0	74.3	75.5	1.00 0.62 0.00	c62v	43.0	-10.6	-47.9	49.1	257.5	0.00 0.37 1.00
o75y	80.7	3.2	81.1	81.1	87.7	1.00 0.75 0.00	c75v	41.1	-6.4	-47.7	48.1	262.2	0.00 0.25 1.00
o87y	88.8	-10.0	90.8	91.3	96.3	1.00 0.87 0.00	c87v	39.8	-4.3	-47.4	47.6	264.7	0.00 0.12 1.00
y00l=Y	93.5	-17.5	95.4	97.0	100.4	1.00 1.00 0.00	v00m=V	38.6	-4.8	-46.2	46.5	264.0	0.00 0.00 1.00
y12l	82.3	-29.6	77.5	83.0	110.9	0.87 1.00 0.00	v12m	39.2	-4.0	-47.3	47.5	265.1	0.12 0.00 1.00
y25l	74.0	-39.4	64.2	75.3	121.5	0.75 1.00 0.00	v25m	38.9	-2.6	-47.4	47.4	266.8	0.25 0.00 1.00
y37l	67.1	-45.9	51.2	68.7	131.8	0.62 1.00 0.00	v37m	37.2	-0.2	-48.6	48.6	269.7	0.37 0.00 1.00
y50l	62.0	-53.2	45.1	69.8	139.7	0.50 1.00 0.00	v50m	36.1	8.3	-46.3	47.0	280.1	0.50 0.00 1.00
y62l	61.1	-55.1	43.6	70.3	141.6	0.37 1.00 0.00	v62m	36.8	21.3	-41.1	46.3	297.4	0.62 0.00 1.00
y75l	60.0	-59.0	43.3	73.2	143.6	0.25 1.00 0.00	v75m	38.9	36.9	-35.2	51.0	316.3	0.75 0.00 1.00
y87l	59.6	-59.8	43.4	73.9	144.0	0.12 1.00 0.00	v87m	41.9	51.3	-26.9	58.0	332.3	0.87 0.00 1.00
l00c=L	60.2	-59.3	44.2	74.0	143.3	0.00 1.00 0.00	m00o=M	48.2	72.1	-11.2	73.0	351.1	1.00 0.00 1.00
l12c	59.6	-60.0	43.6	74.2	143.9	0.00 1.00 0.12	m12o	48.2	75.4	-6.6	75.7	354.9	1.00 0.00 0.87
l25c	59.6	-59.5	42.4	73.1	144.4	0.00 1.00 0.25	m25o	47.8	73.7	-0.5	73.7	359.6	1.00 0.00 0.75
l37c	58.6	-60.3	39.1	71.9	147.0	0.00 1.00 0.37	m37o	48.0	71.1	7.2	71.4	5.8	1.00 0.00 0.62
l50c	58.2	-59.5	33.9	68.5	150.3	0.00 1.00 0.50	m50o	48.2	69.3	12.9	70.5	10.6	1.00 0.00 0.50
l62c	57.5	-59.3	28.4	65.8	154.4	0.00 1.00 0.62	m62o	47.0	67.3	20.1	70.2	16.6	1.00 0.00 0.37
l75c	58.0	-54.6	15.6	56.8	164.0	0.00 1.00 0.75	m75o	48.1	65.5	28.5	71.5	23.5	1.00 0.00 0.25
l87c	59.7	-46.3	-0.9	46.3	181.2	0.00 1.00 0.87	m87o	48.3	64.8	36.7	74.5	29.5	1.00 0.00 0.12