

<http://130.149.60.45/~farbmatrik/KE19/KE19.ON1.TXT> / PS
 N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), Page 1/1

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

48 step device hue circle with six device hues OYLVM: $h_{ab,k} = 34.9, 92.5, 143.1, 226.7, 311.9, 337.2$
 Comparison with four elementary hues $R/G/B/K: h_{ab,k} = 25.4, 92.3, 162.2, 271.7$

Code	L*	a*	b*	C*	h _{ab,k}	rgb -> olv*	Code	L*	a*	b*	C*	h _{ab,k}	rgb -> olv*
ol00-Y	34.5	59.5	41.6	72.6	34.9	1.00 0.00 0.00	ol00-C	52.2	-28.9	-30.3	42.3	226.7	0.00 1.00 1.00
ol01-Z	42.3	52.0	30.4	72.5	44.1	1.00 0.12 0.00	ol01-Z	52.2	-38.8	-30.9	42.2	227.0	0.00 0.87 1.00
ol02-Y	50.6	41.2	60.5	73.2	55.7	1.00 0.25 0.00	ol02-Y	49.3	-49.3	-33.1	40.8	234.2	0.00 0.75 1.00
ol03-Z	58.4	30.4	70.3	76.6	66.5	1.00 0.37 0.00	ol03-Z	45.3	-61.2	-36.4	39.8	249.0	0.00 0.62 1.00
ol04-Y	66.4	19.1	81.2	83.5	76.7	1.00 0.50 0.00	ol04-Y	41.6	-60.7	-40.6	41.0	261.5	0.00 0.50 1.00
ol05-Z	73.5	9.8	90.7	88.1	85.9	0.50 0.50 0.50	ol05-Z	35.7	-55.9	-45.9	40.5	279.6	0.00 0.37 1.00
ol06-Y	79.3	19.9	99.2	99.2	88.8	1.00 0.75 0.00	ol06-Y	28.1	-22.7	-51.0	55.8	294.0	0.00 0.25 1.00
ol07-Z	84.1	-4.5	106.4	106.5	92.4	1.00 0.87 0.00	ol07-Z	20.7	-38.1	-55.2	67.1	304.6	0.00 0.12 1.00
ol08-Y	84.3	-4.8	106.8	106.9	92.5	1.00 1.00 0.00	ol08-Y	13.4	53.3	-57.1	76.8	311.9	0.00 0.00 1.00
ol09-Z	83.8	-5.5	106.1	106.2	93.0	0.87 1.00 0.00	ol09-Z	16.0	53.5	-57.0	78.2	313.2	0.12 0.00 1.00
ol10-Y	79.4	-15.5	99.4	106.0	98.8	0.75 1.00 0.00	ol10-Y	18.9	56.1	-55.2	78.7	315.4	0.25 0.00 1.00
ol11-Z	72.9	-27.4	89.5	93.6	107.8	0.62 1.00 0.00	ol11-Z	22.1	59.4	-55.4	78.6	319.0	0.37 0.00 1.00
ol12-Y	66.5	-37.3	79.8	88.1	115.9	0.50 1.00 0.00	ol12-Y	25.6	62.0	-55.9	78.1	323.8	0.50 0.00 1.00
ol13-Z	60.2	-45.2	71.5	84.6	123.7	0.37 1.00 0.00	ol13-Z	29.6	67.8	-60.3	83.0	327.6	0.62 0.00 1.00
ol14-Y	56.0	-52.0	64.2	82.6	129.0	0.25 1.00 0.00	ol14-Y	33.4	73.4	-67.4	82.4	332.9	0.75 0.00 1.00
ol15-Z	49.8	-58.2	55.6	80.5	136.3	0.12 1.00 0.00	ol15-Z	36.7	78.0	-73.2	84.8	336.9	0.87 0.00 1.00
ol16-Y	43.6	-62.5	46.9	78.2	143.1	0.00 1.00 0.00	ol16-Y	36.9	78.4	-72.8	85.0	337.2	1.00 0.00 1.00
ol17-Z	45.8	-61.2	28.0	67.4	155.4	0.00 1.00 0.12	ol17-Z	36.9	78.3	-72.6	84.8	337.4	1.00 0.00 0.87
ol18-Y	47.2	-57.8	15.4	59.7	164.9	0.00 1.00 0.25	ol18-Y	36.9	77.0	-70.8	82.6	338.8	1.00 0.00 0.75
ol19-Z	46.4	-58.7	4.4	49.1	174.9	0.00 1.00 0.37	ol19-Z	36.5	74.4	-74.2	78.3	341.9	1.00 0.00 0.62
ol20-Y	49.6	-46.7	-6.5	47.1	187.9	0.00 1.00 0.50	ol20-Y	36.3	71.2	-76.0	73.0	347.3	1.00 0.00 0.50
ol21-Z	50.7	-39.5	-17.2	43.1	203.5	0.00 1.00 0.62	ol21-Z	35.8	68.1	-81.6	64.6	354.6	1.00 0.00 0.37
ol22-Y	51.7	-33.3	-25.5	41.9	217.4	0.00 1.00 0.75	ol22-Y	35.5	65.2	-85.4	65.4	3.9	1.00 0.00 0.25
ol23-Z	52.2	-29.6	-30.1	42.2	225.5	0.00 1.00 0.87	ol23-Z	35.0	62.5	-87.9	66.0	16.0	1.00 0.00 0.12

KE19-70, Page 1/1, %BEG "KXO" G22, 271.7

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

48 step device hue circle with six device hues OYLVM: $h_{ab,k} = 31.3, 96.2, 152.5, 233.9, 298.7, 353.0$
 Comparison with four elementary hues $R/G/B/K: h_{ab,k} = 25.4, 92.3, 162.2, 271.7$

Code	L*	a*	b*	C*	h _{ab,k}	rgb -> olv*	Code	L*	a*	b*	C*	h _{ab,k}	rgb -> olv*
ol00-Y	48.4	66.2	40.3	77.5	31.3	1.00 0.00 0.00	ol00-C	63.0	-30.5	-41.9	51.8	233.9	0.00 1.00 1.00
ol01-Z	52.8	56.7	45.9	72.9	38.9	1.00 0.12 0.00	ol01-Z	59.1	-24.9	-42.6	49.4	239.6	0.00 0.87 1.00
ol02-Y	46.7	57.4	61.2	67.6	45.8	1.00 0.25 0.00	ol02-Y	41.3	-24.8	-51.8	46.7	245.8	0.00 0.75 1.00
ol03-Z	42.8	35.8	57.6	67.8	58.1	1.00 0.37 0.00	ol03-Z	50.4	-12.9	-43.9	45.7	253.6	0.00 0.62 1.00
ol04-Y	68.6	25.0	64.1	68.8	68.6	1.00 0.50 0.00	ol04-Y	45.7	-5.7	-44.6	44.9	262.6	0.00 0.50 1.00
ol05-Z	74.5	14.6	70.8	72.3	78.2	1.00 0.62 0.00	ol05-Z	40.7	2.2	-45.0	45.1	272.8	0.00 0.37 1.00
ol06-Y	80.0	5.8	76.6	76.8	85.8	1.00 0.75 0.00	ol06-Y	36.6	9.2	-45.9	46.8	281.3	0.00 0.25 1.00
ol07-Z	85.1	-2.0	82.0	82.0	91.4	1.00 0.87 0.00	ol07-Z	32.4	16.8	-46.6	48.5	289.8	0.00 0.12 1.00
ol08-Y	86.2	-9.6	88.3	88.8	96.2	1.00 1.00 0.00	ol08-Y	27.5	26.0	-47.3	54.0	298.7	0.00 0.00 1.00
ol09-Z	86.4	-12.8	82.3	84.5	99.9	0.87 1.00 0.00	ol09-Z	24.7	34.4	-47.4	53.2	304.9	0.00 0.00 0.87
ol10-Y	82.7	-18.9	79.6	81.8	103.4	0.75 1.00 0.00	ol10-Y	23.5	44.8	-48.8	55.6	312.4	0.00 0.00 0.75
ol11-Z	77.5	-25.5	69.0	73.5	110.2	0.62 1.00 0.00	ol11-Z	24.4	44.8	-54.6	56.6	322.4	0.00 0.00 0.62
ol12-Y	73.3	-37.1	62.8	70.4	116.8	0.50 1.00 0.00	ol12-Y	25.6	44.8	-60.5	59.9	331.5	0.00 0.00 0.50
ol13-Z	68.7	-38.7	56.8	68.8	124.3	0.37 1.00 0.00	ol13-Z	29.1	59.1	-72.2	63.1	339.4	0.00 0.00 0.37
ol14-Y	62.4	-45.8	41.9	65.5	137.9	0.25 1.00 0.00	ol14-Y	34.2	68.2	-81.7	65.9	347.4	0.00 0.00 0.25
ol15-Z	57.1	-56.5	38.9	68.6	145.4	0.12 1.00 0.00	ol15-Z	47.4	68.2	-89.7	68.7	348.3	0.00 0.00 0.12
ol16-Y	55.8	-65.2	33.9	75.5	152.5	0.00 1.00 0.00	ol16-Y	49.5	73.5	-89.7	74.1	353.0	0.00 0.00 0.00
ol17-Z	56.7	-62.6	23.5	66.9	159.4	0.00 1.00 0.12	ol17-Z	49.4	72.3	-96.2	74.2	357.1	0.00 0.00 0.87
ol18-Y	57.5	-59.1	12.7	60.5	167.8	0.00 1.00 0.25	ol18-Y	49.2	71.2	-1.1	71.3	0.8	1.00 0.00 0.75
ol19-Z	58.5	-54.5	0.8	54.5	179.0	0.00 1.00 0.37	ol19-Z	49.3	69.7	7.0	70.0	5.8	1.00 0.00 0.62
ol20-Y	59.3	-50.3	-9.9	51.1	198.1	0.00 1.00 0.50	ol20-Y	48.3	69.3	13.0	70.5	10.6	1.00 0.00 0.50
ol21-Z	60.1	-45.8	-18.0	49.3	201.4	0.00 1.00 0.62	ol21-Z	48.2	68.2	19.2	70.9	15.7	1.00 0.00 0.37
ol22-Y	61.0	-40.8	-26.7	48.8	213.2	0.00 1.00 0.75	ol22-Y	48.1	67.1	27.1	72.4	22.0	1.00 0.00 0.25
ol23-Z	61.9	-36.1	-34.0	49.6	223.5	0.00 1.00 0.87	ol23-Z	48.6	66.5	33.8	74.6	26.9	1.00 0.00 0.12

KE19-70, Page 1/1, %BEG "KXO" REM_OFFS04_080929.31

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

48 step device hue circle with six device hues OYLVM: $h_{ab,k} = 33.0, 100.4, 143.3, 206.6, 264.0, 351.1$
 Comparison with four elementary hues $R/G/B/K: h_{ab,k} = 25.4, 92.3, 162.2, 271.7$

Code	L*	a*	b*	C*	h _{ab,k}	rgb → olv*	Code	L*	a*	b*	C*	h _{ab,k}	rgb → olv*
ol00-Y	48.1	64.4	41.8	76.8	33.0	1.00 0.00 0.00	ol00-C	56.3	-40.9	-20.5	43.8	206.6	0.00 1.00 1.00
ol01-Z	49.8	63.2	42.5	76.1	33.9	1.00 0.12 0.00	ol01-Z	52.4	-36.0	-35.4	50.5	224.4	0.00 0.87 1.00
ol02-Y	49.8	61.3	49.2	78.6	38.7	1.00 0.25 0.00	ol02-Y	51.2	-25.4	-48.1	54.4	242.1	0.00 0.75 1.00
ol03-Z	54.8	51.5	55.1	75.5	46.9	1.00 0.37 0.00	ol03-Z	48.1	-19.1	-48.1	51.7	268.3	0.00 0.62 1.00
ol04-Y	63.0	35.4	63.1	72.4	60.6	1.00 0.50 0.00	ol04-Y	45.4	-14.6	-48.1	50.3	290.0	0.00 0.50 1.00
ol05-Z	72.8	18.5	72.0	74.3	75.5	1.00 0.62 0.00	ol05-Z	43.0	-10.6	-47.9	49.1	317.5	0.00 0.37 1.00
ol06-Y	80.7	3.2	81.1	81.1	87.7	1.00 0.75 0.00	ol06-Y	41.1	-6.4	-47.7	48.1	342.2	0.00 0.25 1.00
ol07-Z	88.5	-10.0	90.8	91.3	96.3	1.00 0.87 0.00	ol07-Z	39.8	-4.3	-47.4	47.4	364.7	0.00 0.12 1.00
ol08-Y	93.5	-17.5	95.4	97.0	100.4	1.00 1.00 0.00	ol08-Y	38.6	-4.8	-46.2	46.5	364.0	0.00 0.00 1.00
ol09-Z	82.3	-29.6	77.5	80.3	110.9	0.87 1.00 0.00	ol09-Z	39.2	-4.0	-47.3	47.5	365.1	0.12 0.00 1.00
ol10-Y	74.0	-39.4	64.2	75.3	121.5	0.75 1.00 0.00	ol10-Y	38.9	-2.6	-47.4	47.4	366.8	0.25 0.00 1.00
ol11-Z	67.1	-45.9	51.2	68.7	131.8	0.62 1.00 0.00	ol11-Z	37.2	-6.2	-48.6	48.6	369.7	0.37 0.00 1.00
ol12-Y	63.0	-52.0	45.1	69.8	139.7	0.50 1.00 0.00	ol12-Y	36.1	8.3	-48.3	47.9	380.1	0.50 0.00 1.00
ol13-Z	61.1	-55.1	43.6	70.3	141.6	0.37 1.00 0.00	ol13-Z	36.8	21.3	-41.1	46.3	397.4	0.62 0.00 1.00
ol14-Y	60.0	-59.0	43.3	73.2	143.6	0.25 1.00 0.00	ol14-Y	38.9	36.9	-35.2	51.0	316.3	0.75 0.00 1.00
ol15-Z	59.6	-59.8	43.4	73.9	144.0	0.12 1.00 0.00	ol15-Z	41.9	51.3	-26.9	58.0	332.3	0.87 0.00 1.00
ol16-Y	60.2	-59.3	44.2	74.0	143.3	0.00 1.00 0.00	ol16-Y	48.2	72.1	-11.2	73.0	351.1	1.00 0.00 1.00
ol17-Z	59.6	-60.0	43.6	74.2	143.9	0.00 1.00 0.12	ol17-Z	48.2	75.4	-6.6	75.7	354.9	1.00 0.00 0.87
ol18-Y	59.6	-59.5	42.4	73.1	144.4	0.00 1.00 0.25	ol18-Y	47.8	73.7	-10.5	73.7	359.6	1.00 0.00 0.75
ol19-Z	59.6	-59.5	42.4	73.1	144.4	0.00 1.00 0.37	ol19-Z	48.0	71.1	7.2	71.4	3.8	1.00 0.00 0.62
ol20-Y	58.2	-59.5	33.9	68.5	150.3	0.00 1.00 0.50	ol20-Y	48.2	69.3	12.9	70.5	10.6	1.00 0.00 0.50
ol21-Z	57.5	-59.3	28.4	65.8	154.4	0.00 1.00 0.62	ol21-Z	47.9	67.3	20.1	70.2	16.6	1.00 0.00 0.37
ol22-Y	58.0	-54.6	15.6	56.8	164.0	0.00 1.00 0.75	ol22-Y	48.1	65.5	28.5	71.5	23.5	1.00 0.00 0.25
ol23-Z	59.7	-46.3	-19.9	64.3	181.2	0.00 1.00 0.87	ol23-Z	48.3	64.8	36.7	74.5	29.5	1.00 0.00 0.12