http://130.149.60.45/~farbmetrik/KE33/KE33L0N1.TXT /.PS; sRGB Lr=0..40%
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), Page 1/1

See original or copy: http://web.me.com/klaus.richter/KE33/KE33L0N1.TXT /.PS
Technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=0%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
Red R of the elementary hues RJGB: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
0,5(R+N)	25.4	39.0	18.5	43.2	25.4	0.50 0.00 0.00
0,5(R+W)	73.1	39.0	18.5	43.2	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 0.0, 23.8, 47.7, 71.5, 95.4						
n000w=N	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	23.8	0.0	0.0	0.0	325.3	0.25 0.25 0.25
n050w	47.7	0.0	0.0	0.0	325.1	0.50 0.50 0.50
n075w	71.4	0.0	0.0	0.0	325.1	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE330−1N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=0,6%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
Red R of the elementary hues RJGB: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
0,5(R+N)	28.5	38.3	18.2	42.4	25.4	0.50 0.00 0.00
0,5(R+W)	73.4	38.3	18.2	42.4	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 5.6, 28.1, 50.5, 72.9, 95.4						
n000w=N	5.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	28.1	0.0	0.0	0.0	325.1	0.25 0.25 0.25
n050w	50.5	0.0	0.0	0.0	324.8	0.50 0.50 0.50
n075w	73.0	0.0	0.0	0.0	323.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE330−2N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=0%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
16 step elementary hue circle with hues: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
r25j	52.2	71.9	65.2	97.1	42.1	1.00 0.25 0.00
r50j	63.1	42.7	70.7	82.6	58.8	1.00 0.50 0.00
r75j	72.7	19.7	76.7	79.2	75.5	1.00 0.75 0.00
5 step equidistant grey scale: L* = 0.0, 23.8, 47.7, 71.5, 95.4						
n000w=N	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	23.8	0.0	0.0	0.0	325.3	0.25 0.25 0.25
n050w	47.7	0.0	0.0	0.0	325.1	0.50 0.50 0.50
n075w	71.4	0.0	0.0	0.0	325.1	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE331−1N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=0,6%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
16 step elementary hue circle with hues: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
r25j	53.8	67.7	61.3	91.3	42.1	1.00 0.25 0.00
r50j	63.8	41.1	68.0	79.5	58.8	1.00 0.50 0.00
r75j	73.1	19.1	74.6	77.0	75.5	1.00 0.75 0.00
5 step equidistant grey scale: L* = 5.6, 28.1, 50.5, 72.9, 95.4						
n000w=N	5.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	28.1	0.0	0.0	0.0	325.1	0.25 0.25 0.25
n050w	50.5	0.0	0.0	0.0	324.8	0.50 0.50 0.50
n075w	73.0	0.0	0.0	0.0	323.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE331−2N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=1,2%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
Red R of the elementary hues RJGB: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00
0,5(R+N)	31.5	37.6	17.9	41.7	25.4	0.50 0.00 0.00
0,5(R+W)	73.7	37.6	17.9	41.7	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 10.9, 32.0, 53.2, 74.3, 95.4						
n000w=N	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	32.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
n050w	53.1	0.0	0.0	0.0	325.5	0.50 0.50 0.50
n075w	74.2	0.0	0.0	0.0	323.5	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE330−3N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=2,5%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
Red R of the elementary hues RJGB: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	53.0	72.6	34.5	80.4	25.4	1.00 0.00 0.00
0,5(R+N)	35.5	36.3	17.2	40.2	25.4	0.50 0.00 0.00
0,5(R+W)	74.2	36.3	17.2	40.2	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 18.0, 37.3, 56.7, 76.0, 95.4						
n000w=N	18.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	37.3	0.0	0.0	0.0	325.3	0.25 0.25 0.25
n050w	56.7	0.0	0.0	0.0	324.8	0.50 0.50 0.50
n075w	76.1	0.0	0.0	0.0	323.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE330−4N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=1,2%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
16 step elementary hue circle with hues: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00
r25j	55.0	64.5	58.4	87.0	42.1	1.00 0.25 0.00
r50j	64.5	39.6	65.7	76.7	58.8	1.00 0.50 0.00
r75j	73.4	18.5	72.6	75.0	75.6	1.00 0.75 0.00
5 step equidistant grey scale: L* = 10.9, 32.0, 53.2, 74.3, 95.4						
n000w=N	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	32.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
n050w	53.1	0.0	0.0	0.0	325.5	0.50 0.50 0.50
n075w	74.2	0.0	0.0	0.0	323.5	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE331−3N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=2,5%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
16 step elementary hue circle with hues: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	53.0	72.6	34.5	80.4	25.4	1.00 0.00 0.00
r25j	57.1	59.5	53.9	80.3	42.1	1.00 0.25 0.00
r50j	65.7	37.3	61.7	72.1	58.8	1.00 0.50 0.00
r75j	74.0	17.7	69.0	71.2	75.6	1.00 0.75 0.00
5 step equidistant grey scale: L* = 18.0, 37.3, 56.7, 76.0, 95.4						
n000w=N	18.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	37.3	0.0	0.0	0.0	325.3	0.25 0.25 0.25
n050w	56.7	0.0	0.0	0.0	324.8	0.50 0.50 0.50
n075w	76.1	0.0	0.0	0.0	323.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE331−4N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=5%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
Red R of the elementary hues RJGB: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	55.0	67.6	32.2	74.9	25.5	1.00 0.00 0.00
0,5(R+N)	40.9	33.8	16.1	37.4	25.5	0.50 0.00 0.00
0,5(R+W)	75.2	33.8	16.1	37.4	25.5	1.00 0.50 0.50
5 step equidistant grey scale: L* = 26.8, 43.9, 61.1, 78.2, 95.4						
n000w=N	26.8	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	43.9	0.0	0.0	0.0	325.3	0.25 0.25 0.25
n050w	61.1	0.0	0.0	0.0	325.1	0.50 0.50 0.50
n075w	78.1	0.0	0.0	0.0	323.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE330−5N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=10%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
Red R of the elementary hues RJGB: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	58.8	58.8	28.0	65.2	25.4	1.00 0.00 0.00
0,5(R+N)	48.4	29.4	14.0	32.6	25.4	0.50 0.00 0.00
0,5(R+W)	77.1	29.4	14.0	32.6	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 37.9, 52.3, 66.6, 81.0, 95.4						
n000w=N	37.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	52.2	0.0	0.0	0.0	325.5	0.25 0.25 0.25
n050w	66.7	0.0	0.0	0.0	324.4	0.50 0.50 0.50
n075w	81.1	0.0	0.0	0.0	324.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE330−6N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=5%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
16 step elementary hue circle with hues: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	55.0	67.6	32.2	74.9	25.5	1.00 0.00 0.00
r25j	60.1	52.4	47.5	70.7	42.1	1.00 0.25 0.00
r50j	67.7	33.4	55.4	64.7	58.9	1.00 0.50 0.00
r75j	75.2	16.1	63.0	65.0	75.6	1.00 0.75 0.00
5 step equidistant grey scale: L* = 26.8, 43.9, 61.1, 78.2, 95.4						
n000w=N	26.8	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	43.9	0.0	0.0	0.0	325.3	0.25 0.25 0.25
n050w	61.1	0.0	0.0	0.0	325.1	0.50 0.50 0.50
n075w	78.1	0.0	0.0	0.0	323.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE331−5N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=10%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
16 step elementary hue circle with hues: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	58.8	58.8	28.0	65.2	25.4	1.00 0.00 0.00
r25j	64.6	43.1	39.0	58.1	42.1	1.00 0.25 0.00
r50j	70.8	27.9	46.4	54.2	58.9	1.00 0.50 0.00
r75j	77.1	13.7	53.6	55.3	75.6	1.00 0.75 0.00
5 step equidistant grey scale: L* = 37.9, 52.3, 66.6, 81.0, 95.4						
n000w=N	37.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	52.2	0.0	0.0	0.0	325.5	0.25 0.25 0.25
n050w	66.7	0.0	0.0	0.0	324.4	0.50 0.50 0.50
n075w	81.1	0.0	0.0	0.0	324.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE331−6N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=20%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
Red R of the elementary hues RJGB: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	65.6	44.6	21.2	49.4	25.4	1.00 0.00 0.00
0,5(R+N)	58.8	22.3	10.6	24.7	25.4	0.50 0.00 0.00
0,5(R+W)	80.5	22.3	10.6	24.7	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 52.0, 62.8, 73.7, 84.5, 95.4						
n000w=N	52.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	62.8	0.0	0.0	0.0	325.1	0.25 0.25 0.25
n050w	73.7	0.0	0.0	0.0	324.7	0.50 0.50 0.50
n075w	84.5	0.0	0.0	0.0	323.8	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE330−7N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=40%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
Red R of the elementary hues RJGB: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	77.2	24.4	11.6	27.1	25.4	1.00 0.00 0.00
0,5(R+N)	73.4	12.2	5.8	13.5	25.4	0.50 0.00 0.00
0,5(R+W)	86.3	12.2	5.8	13.5	25.4	1.00 0.50 0.50
5 step equidistant grey scale: L* = 69.6, 76.1, 82.5, 88.9, 95.4						
n000w=N	69.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	76.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
n050w	82.5	0.0	0.0	0.0	326.0	0.50 0.50 0.50
n075w	88.9	0.0	0.0	0.0	324.2	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE330−8N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=20%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
16 step elementary hue circle with hues: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	65.6	44.6	21.2	49.4	25.4	1.00 0.00 0.00
r25j	71.1	31.3	28.4	42.3	42.2	1.00 0.25 0.00
r50j	75.6	20.7	34.4	40.2	58.9	1.00 0.50 0.00
r75j	80.3	10.3	40.4	41.7	75.6	1.00 0.75 0.00
5 step equidistant grey scale: L* = 52.0, 62.8, 73.7, 84.5, 95.4						
n000w=N	52.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	62.8	0.0	0.0	0.0	325.1	0.25 0.25 0.25
n050w	73.7	0.0	0.0	0.0	324.7	0.50 0.50 0.50
n075w	84.5	0.0	0.0	0.0	323.8	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE331−7N

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display L_r=40%

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
16 step elementary hue circle with hues: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7						
r00j=R	77.2	24.4	11.6	27.1	25.4	1.00 0.00 0.00
r25j	80.2	17.6	15.9	23.7	42.1	1.00 0.25 0.00
r50j	82.8	11.8	19.6	22.9	58.9	1.00 0.50 0.00
r75j	85.6	5.9	23.3	24.1	75.6	1.00 0.75 0.00
5 step equidistant grey scale: L* = 69.6, 76.1, 82.5, 88.9, 95.4						
n000w=N	69.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	76.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
n050w	82.5	0.0	0.0	0.0	326.0	0.50 0.50 0.50
n075w	88.9	0.0	0.0	0.0	324.2	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KE331−8N

TUB registration: 20100601-KE33/KE33L0N1.TXT /.PS
application for evaluation and measurement of printer or monitor systems

TUB material: code=rha4ta

TUB-test chart KE33; CIE data of sRGB display *Lr*=0 to 40%
Colours of 16 step elementary hue circle and 5 grey steps

input: *w setgray*
output: no change compared to input