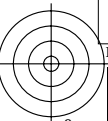
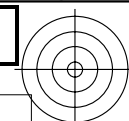


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

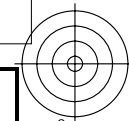


<http://130.149.60.45/~farbmeterik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 1/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$	
0	1.0 0.0 0.0	30.0	52.7 81.3 25.5 73.4 35.0	52.7 81.3 25.5 73.4 35.0	0.0	1.0	b99r	m81o		1.0 0.0	0.189 1.0 0.0	0.189
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$	
0	1.0 0.0 0.0	30.0	55.6 86.2 38.2 67.7 53.3	55.6 86.2 38.2 67.7 53.3	0.0	1.0	r19j	m100o		1.0 0.19	0.0 1.0 0.19	0.0

3 Colours no.
 $j=0$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.0 0.0
255 0 0
17.7 0.2 19.5

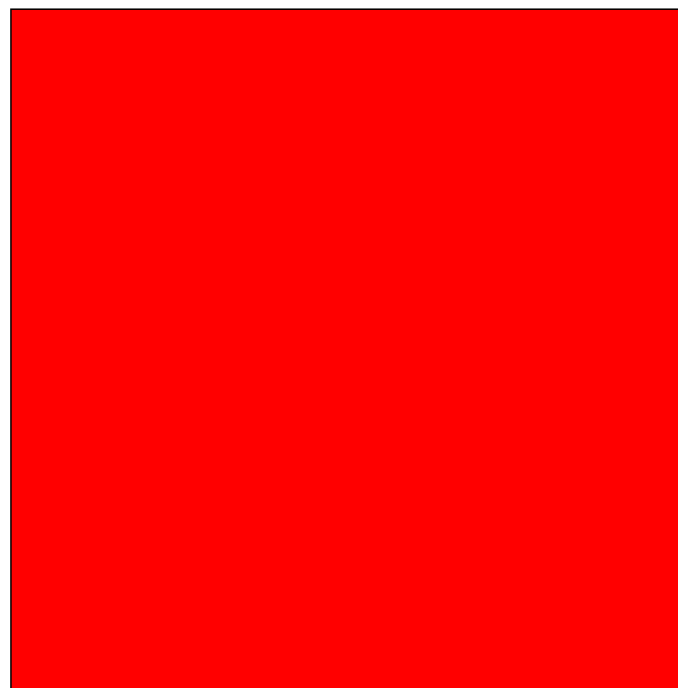
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.189 1.0 0.0 0.0
255 0 48 255 0 0
52.7 81.3 25.5 52.4 90.7 38.2
it-in: 88.4 88.4 3D-it: 21.2 21.2

3 Colours no.
 $j=0$

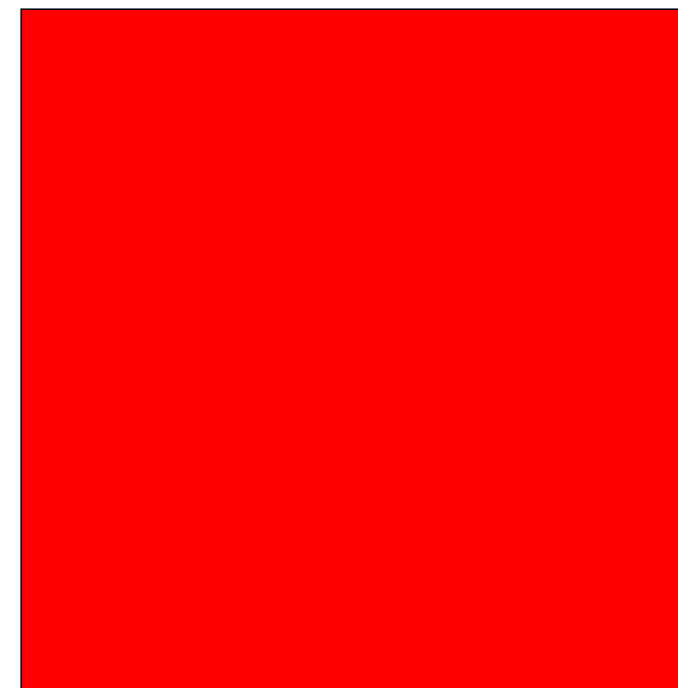
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.0 0.0
255 0 0
17.7 0.2 19.5

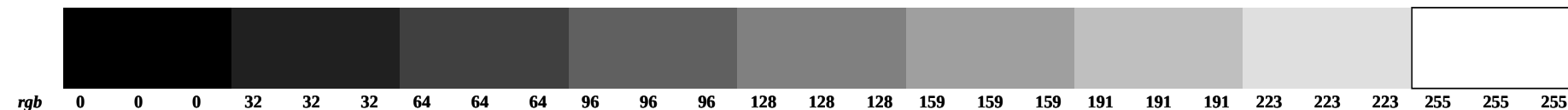
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
1.0 0.19 0.0 1.0 0.0 0.0
255 49 0 255 0 0
55.6 86.2 38.2 52.4 90.7 38.2
it-in: 94.1 94.1 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



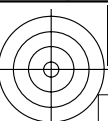
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



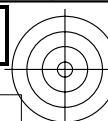
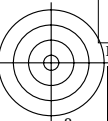
TUB-test chart KE98; Colorimetric systems, Page 1/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input



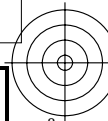


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$	
1	1.0 0.125 0.0	36.6	52.5 85.6 32.8 71.9 46.4	52.5 85.6 32.8 71.9 46.4	0.0	1.0	r11j	m89o		1.0 0.0 0.106	1.0 0.0 0.106	
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$	
1	1.0 0.125 0.0	36.6	58.7 82.7 45.2 58.3 58.7	58.7 82.7 45.2 58.3 58.7	0.0	1.0	r29j	o11y		1.0 0.295 0.0	1.0 0.295 0.0	

3 Colours no.
 $j=1$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
1.0 0.125 0.0
255 32 0
18.3 13.3 293.0

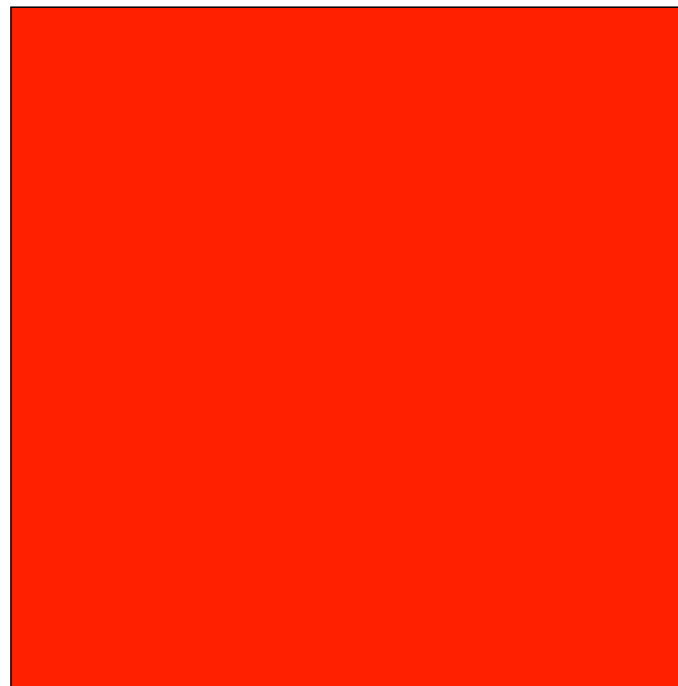
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.106 1.0 0.125 0.0
255 0 27 255 32 0
52.5 85.6 32.8 53.8 88.6 40.6
it-in: 95.2 95.2 3D-it: 12.3 12.3

3 Colours no.
 $j=1$

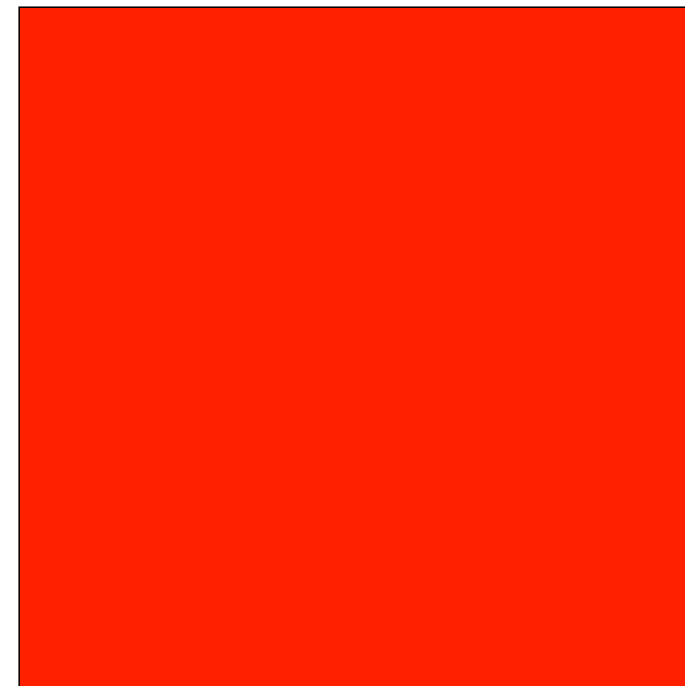
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
1.0 0.125 0.0
255 32 0
18.3 13.3 293.0

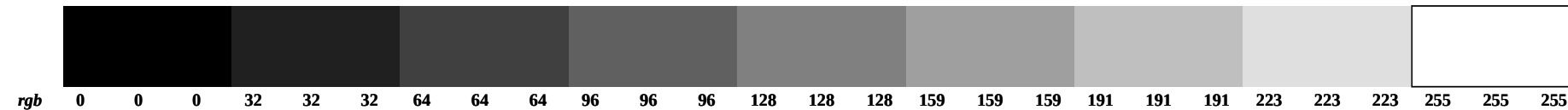
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
1.0 0.295 0.0 1.0 0.125 0.0
255 75 0 255 32 0
58.7 82.7 45.2 53.8 88.6 40.6
it-in: 97.4 97.4 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



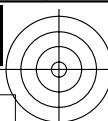
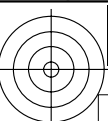
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 2/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input

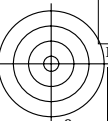
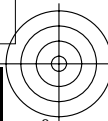




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta



<http://130.149.60.45/~farbmeterik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 3/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
2	1.0 0.25 0.0	43.9	54.0 88.3 41.0 66.7 57.9	54.0 88.3 41.0 66.7 57.9	0.0	1.0	r23j	o13y		1.0 0.132 0.0	1.0 0.132 0.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
2	1.0 0.25 0.0	43.9	62.7 80.0 52.9 48.2 63.8	62.7 80.0 52.9 48.2 63.8	0.0	1.0	r41j	o23y		1.0 0.411 0.0	1.0 0.411 0.0

3 Colours no.
 $j=2$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
1.0 0.25 0.0
255 64 0
19.6 34.6 297.8

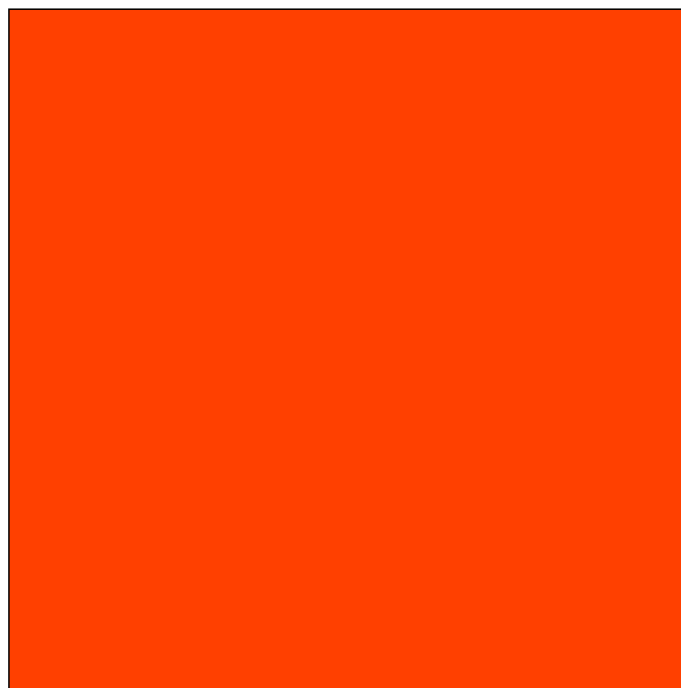
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
1.0 0.132 0.0 1.0 0.25 0.0
255 34 0 255 64 0
54.0 88.3 41.0 57.3 84.0 47.0
it-in: 107.6 107.6 3D-it: 10.5 10.5

3 Colours no.
 $j=2$

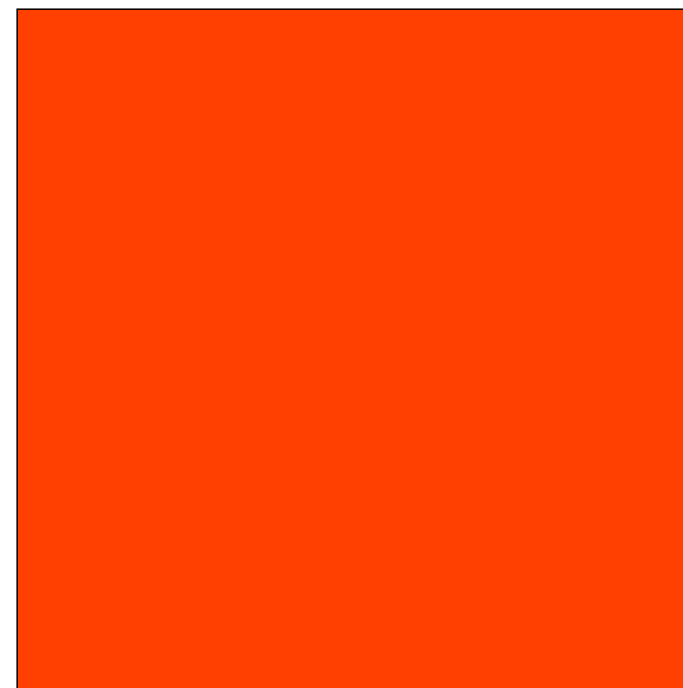
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
1.0 0.25 0.0
255 64 0
19.6 34.6 297.8

output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
1.0 0.411 0.0 1.0 0.25 0.0
255 105 0 255 64 0
62.7 80.0 52.9 57.3 84.0 47.0
it-in: 108.7 108.7 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



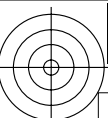
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



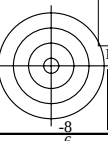
TUB-test chart KE98; Colorimetric systems, Page 3/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input

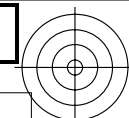




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

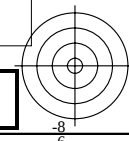


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 4/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
3	1.0 0.375 0.0	51.8	58.8 82.7 49.7 53.5 63.1	58.8 82.7 49.7 53.5 63.1	0.0	1.0	r36j	o29y		1.0 0.295 0.0	1.0 0.295 0.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
3	1.0 0.375 0.0	51.8	67.3 78.9 61.3 37.9 69.2	67.3 78.9 61.3 37.9 69.2	0.0	1.0	r53j	o36y		1.0 0.536 0.0	1.0 0.536 0.0

3 Colours no.
 $j=3$

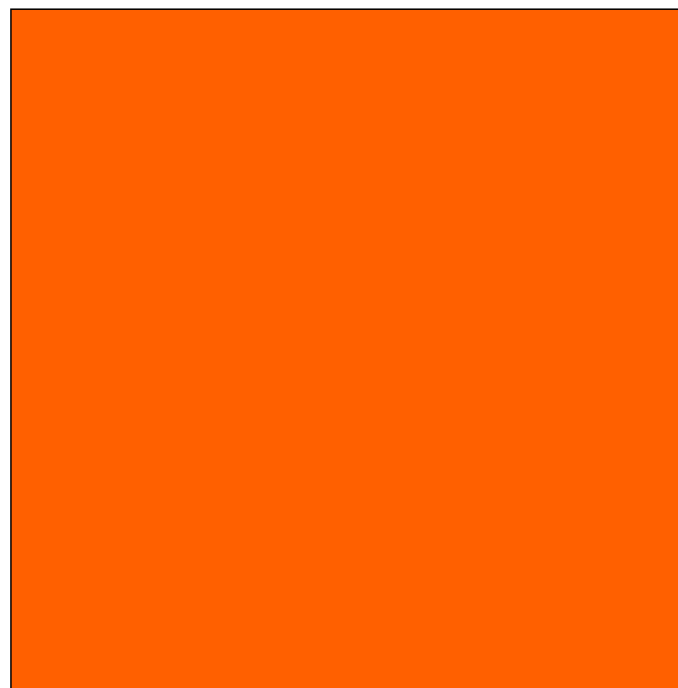
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
linear interpolation (it):								
1.0	0.375	0.0	1.0	0.295	0.0	1.0	0.375	0.0
255	96	0	255	75	0	255	96	0
21.1	50.7	300.4	58.8	82.7	49.7	61.4	80.5	54.7
it-in:			116.7	116.7	3D-it:	7.9	7.9	

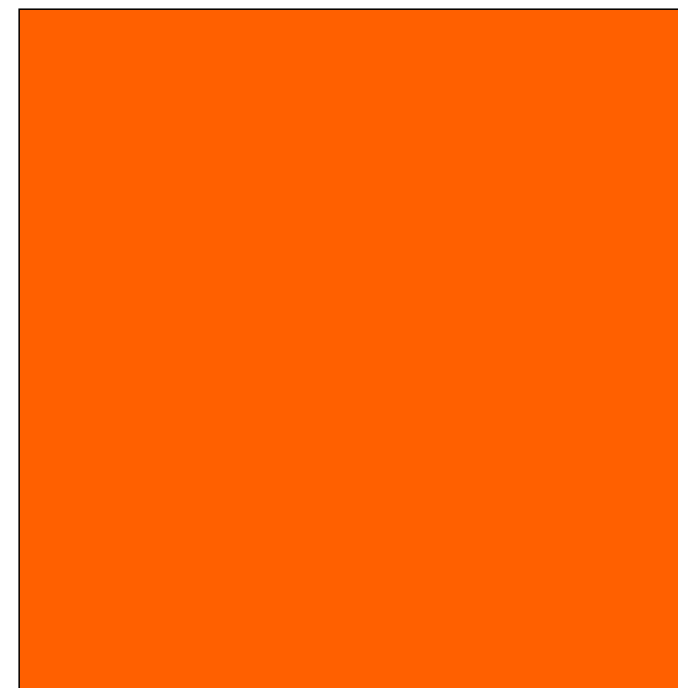
3 Colours no.
 $j=3$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):			output of the device colour d:			3D interpolation (3D):		
linear interpolation (it):								
1.0	0.375	0.0	1.0	0.536	0.0	1.0	0.375	0.0
255	96	0	255	137	0	255	96	0
21.1	50.7	300.4	67.3	78.9	61.3	61.4	80.5	54.7
it-in:			122.6	122.6	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



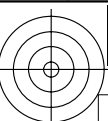
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



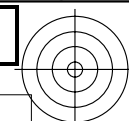
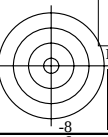
TUB-test chart KE98; Colorimetric systems, Page 4/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input



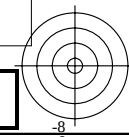


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta



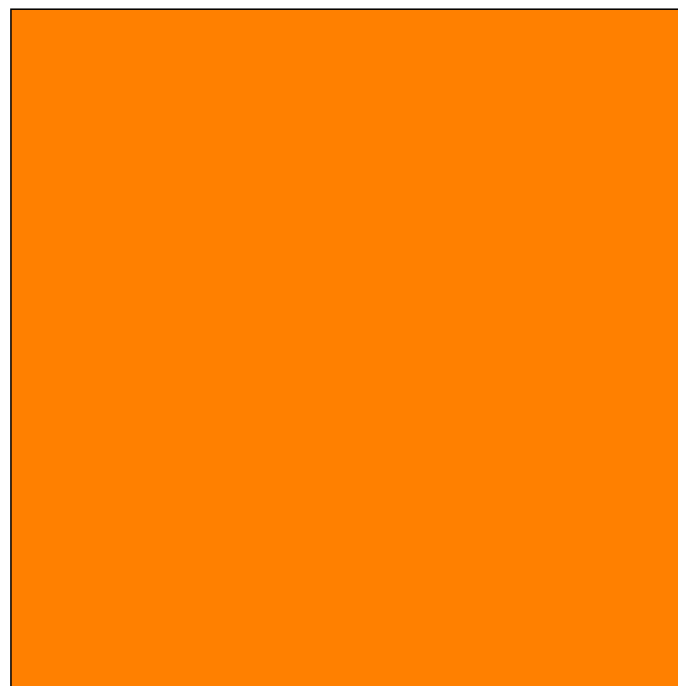
n_{rgb}	$rgb \rightarrow rgb^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
4	1.0	0.5	0.0	60.0 63.5 79.7 58.9 41.2 68.2	63.5 79.7 58.9 41.2 68.2	0.0	1.0	r49j	o43y		1.0 0.434 0.0	1.0 0.434 0.0
n_{rgb}	$rgb \rightarrow olv^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
4	1.0	0.5	0.0	60.0 72.5 80.1 70.0 27.4 75.3	72.5 80.1 70.0 27.4 75.3	0.0	1.0	r66j	o50y		1.0 0.666 0.0	1.0 0.666 0.0

3 Colours no.
 $j=4$

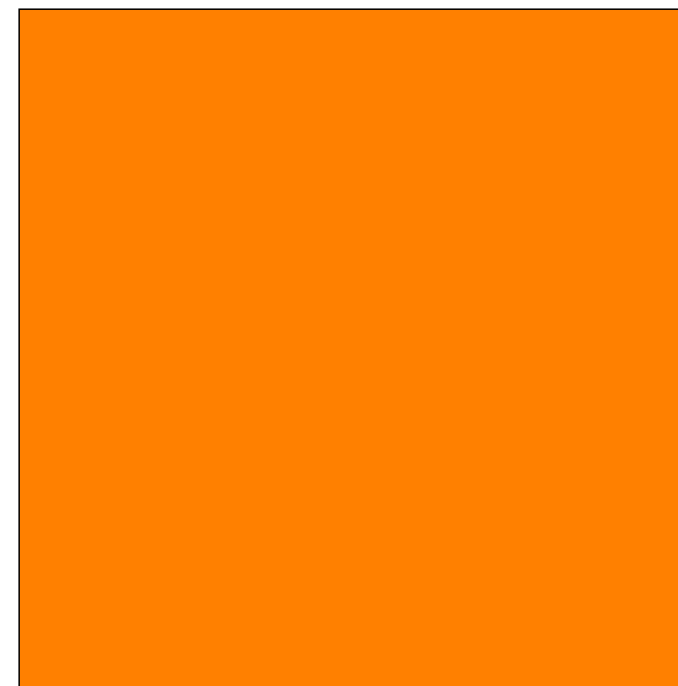
rgb input (in):	output of the elementary colour e :	3D interpolation (3D):
rgb^*_{Fa}	1.0 0.5 0.0	1.0 0.434 0.0
$rgb^*_{Fa, 8bit}$	255 128 0	255 128 0
L^*, C^*_{ab}, h_{ab}	22.7 64.3 301.8	63.5 79.7 58.9 65.9 78.8 63.6
$\Delta E^*_{ab}, \Delta E^*_{m}$	it-in: 129.6 129.6	3D-it: 7.0 7.0

3 Colours no.
 $j=4$

rgb input (in):	output of the device colour d :	3D interpolation (3D):
olv^*_{Fa}	1.0 0.666 0.0	1.0 0.5 0.0
$olv^*_{Fa, 8bit}$	255 170 0	255 128 0
L^*, C^*_{ab}, h_{ab}	22.7 64.3 301.8	72.5 80.1 70.0 65.9 78.8 63.6
$\Delta E^*_{ab}, \Delta E^*_{m}$	it-in: 139.3 139.3	3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



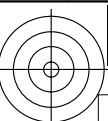
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



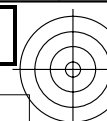
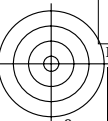
TUB-test chart KE98; Colorimetric systems, Page 5/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input



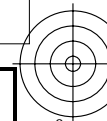


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
5	1.0 0.625 0.0	68.2	68.3 78.9 68.0 29.5 73.2	68.3 78.9 68.0 29.5 73.2	0.0	1.0	r63j	o56y		1.0 0.562 0.0	1.0 0.562 0.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
5	1.0 0.625 0.0	68.2	78.7 84.7 78.7 16.6 83.0	78.7 84.7 78.7 16.6 83.0	0.0	1.0	r79j	o64y		1.0 0.796 0.0	1.0 0.796 0.0

3 Colours no.
 $j=5$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.625 0.0
255 159 0
24.5 76.5 302.8

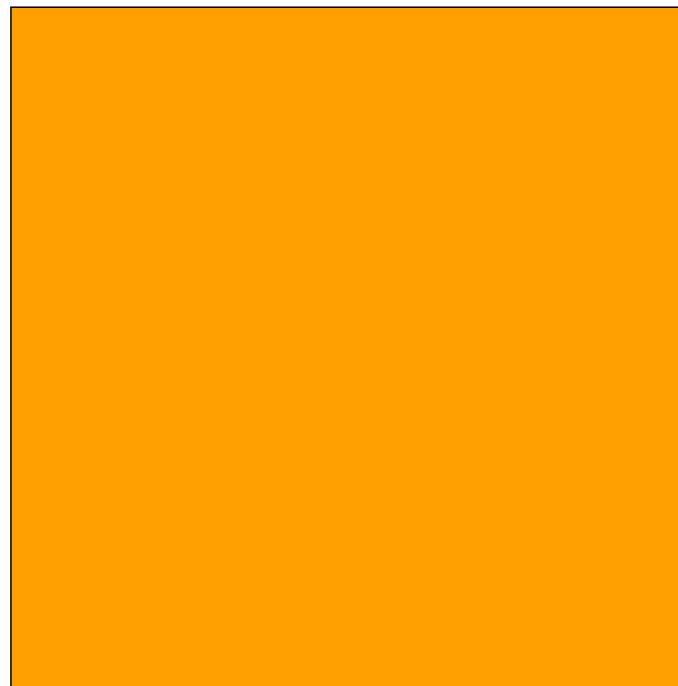
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
1.0 0.562 0.0 1.0 0.625 0.0
255 143 0 255 159 0
68.3 78.9 68.0 70.7 79.1 72.6
it-in: 144.8 144.8 3D-it: 6.7 6.7

3 Colours no.
 $j=5$

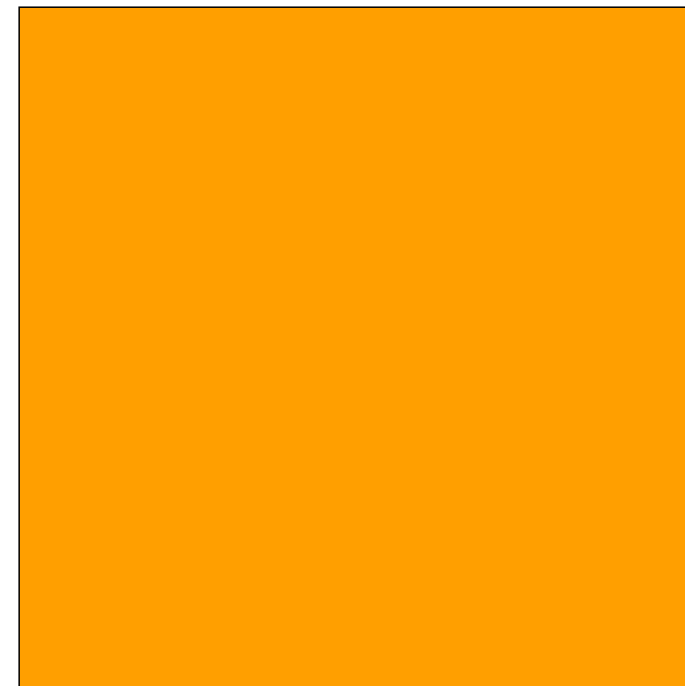
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.625 0.0
255 159 0
24.5 76.5 302.8

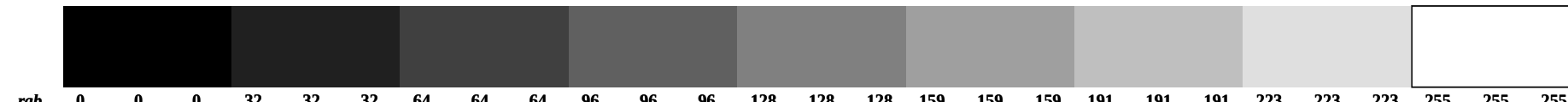
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
1.0 0.796 0.0 1.0 0.625 0.0
255 203 0 255 159 0
78.7 84.7 78.7 70.7 79.1 72.6
it-in: 159.0 159.0 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



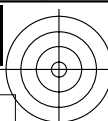
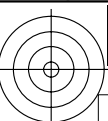
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 6/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input

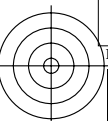
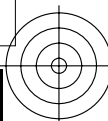




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta



<http://130.149.60.45/~farbmeterik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 7/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
6	1.0 0.75 0.0	76.1	73.2 80.5 76.8 18.3 78.4	73.2 80.5 76.8 18.3 78.4	0.0	1.0	r76j	o68y		1.0 0.681 0.0	1.0 0.681 0.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
6	1.0 0.75 0.0	76.1	86.7 93.7 87.1 4.8 93.6	86.7 93.7 87.1 4.8 93.6	0.0	1.0	r91j	o77y		1.0 0.922 0.0	1.0 0.922 0.0

3 Colours no.
 $j=6$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.75 0.0
255 191 0
26.4 88.1 303.6

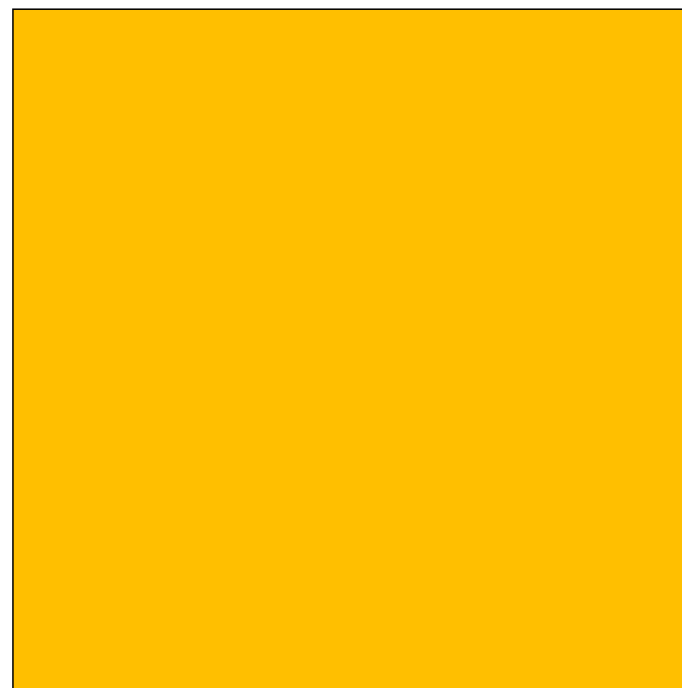
output of the elementary colour e :
linear interpolation (it): 3D interpolation (3D):
1.0 0.681 0.0 1.0 0.75 0.0
255 174 0 255 191 0
73.2 80.5 76.8 76.2 82.2 82.1
it-in: 161.7 161.7 3D-it: 8.2 8.2

3 Colours no.
 $j=6$

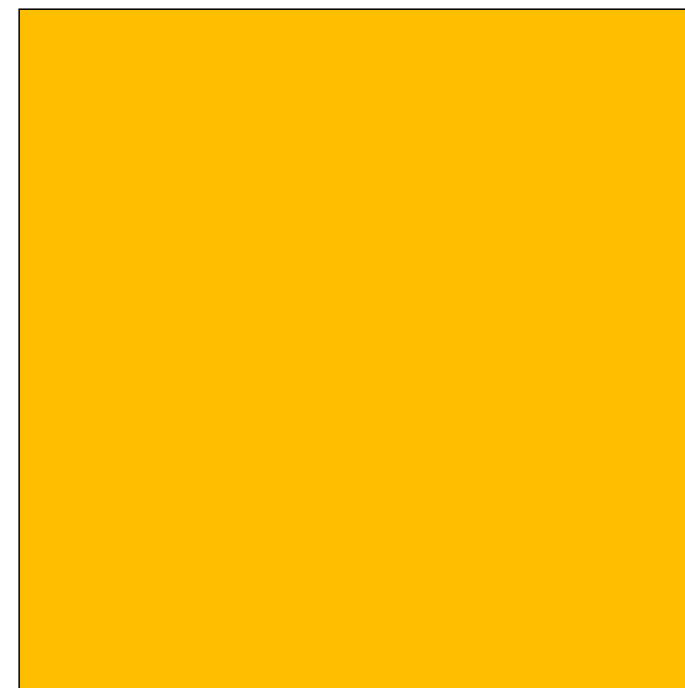
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.75 0.0
255 191 0
26.4 88.1 303.6

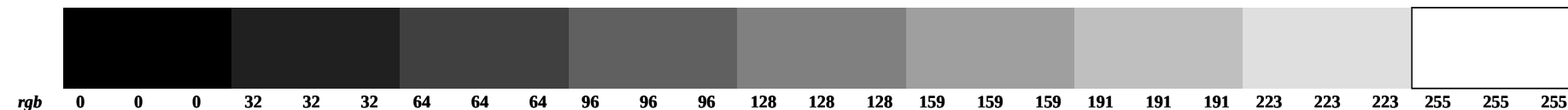
output of the device colour d :
linear interpolation (it): 3D interpolation (3D):
1.0 0.922 0.0 1.0 0.75 0.0
255 235 0 255 191 0
86.7 93.7 87.1 76.2 82.2 82.1
it-in: 182.9 182.9 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



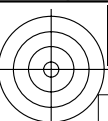
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



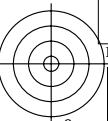
TUB-test chart KE98; Colorimetric systems, Page 7/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input

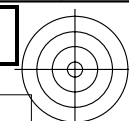




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

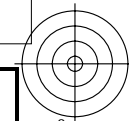


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 8/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
7	1.0 0.875 0.0	83.4	78.3 84.2 85.0 7.4 83.9	78.3 84.2 85.0 7.4 83.9	0.0	1.0	r88j	o79y		1.0 0.788 0.0	1.0 0.788 0.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
7	1.0 0.875 0.0	83.4	92.2 102.0 94.8 -8.5 101.7	92.2 102.0 94.8 -8.5 101.7	0.0	1.0	j04g	o89y		0.964 1.0 0.0	0.964 1.0 0.0

3 Colours no.
 $j=7$

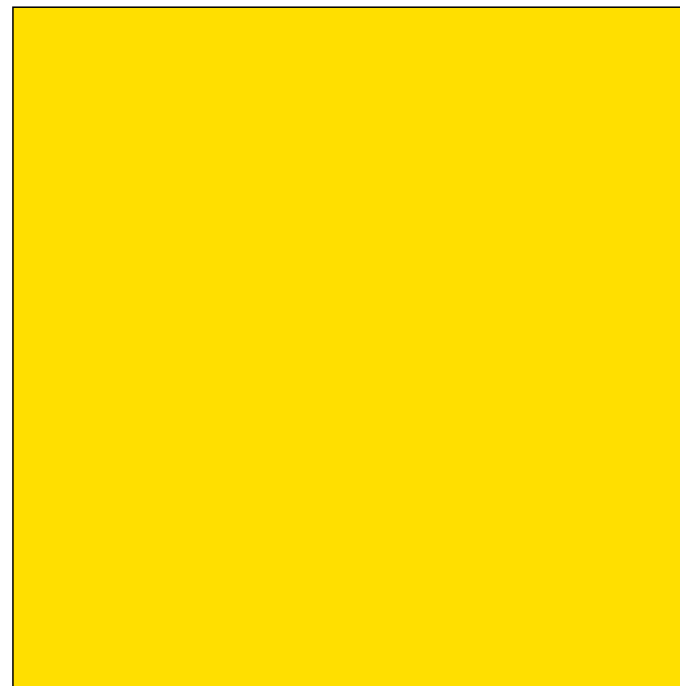
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the elementary colour e :	3D interpolation (3D):
1.0 0.875 0.0	linear interpolation (it):	1.0 0.875 0.0
255 223 0	255 201 0	255 223 0
29.0 99.9 304.0	78.3 84.2 85.0	83.0 88.8 91.5
it-in:	180.5 180.5	3D-it: 11.9 11.9

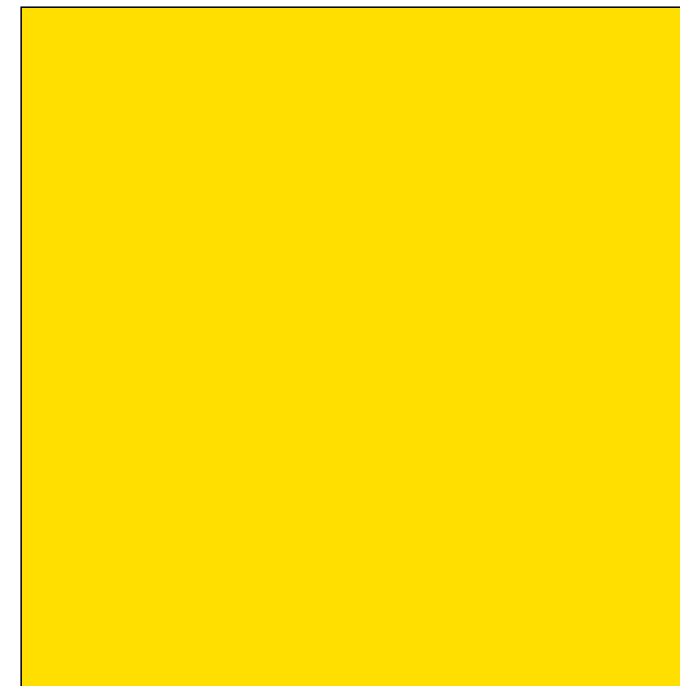
3 Colours no.
 $j=7$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

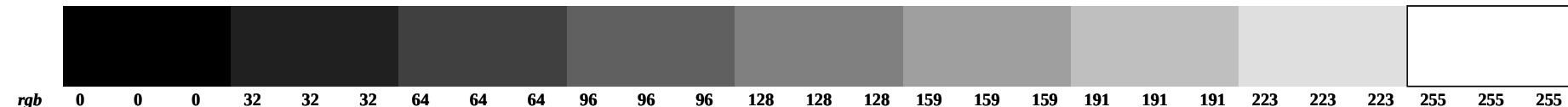
rgb input (in):	output of the device colour d :	3D interpolation (3D):
1.0 0.875 0.0	linear interpolation (it):	1.0 0.875 0.0
255 223 0	246 255 0	255 223 0
29.0 99.9 304.0	92.2 102.0 94.8	83.0 88.8 91.5
it-in:	205.4 205.4	3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



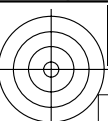
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



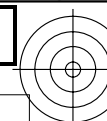
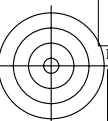
TUB-test chart KE98; Colorimetric systems, Page 8/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input





See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
8	1.0 1.0 0.0	90.0	83.7 89.8 92.3 -3.5 89.7	83.7 89.8 92.3 -3.5 89.7	0.0	1.0	r99j	o88y		1.0 0.884 0.0	1.0 0.884 0.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
8	1.0 1.0 0.0	90.0	90.1 102.2 101.8 -20.8 100.0	90.1 102.2 101.8 -20.8 100.0	0.0	1.0	j13g	o100y		0.864 1.0 0.0	0.864 1.0 0.0

3 Colours no.
 $j=8$

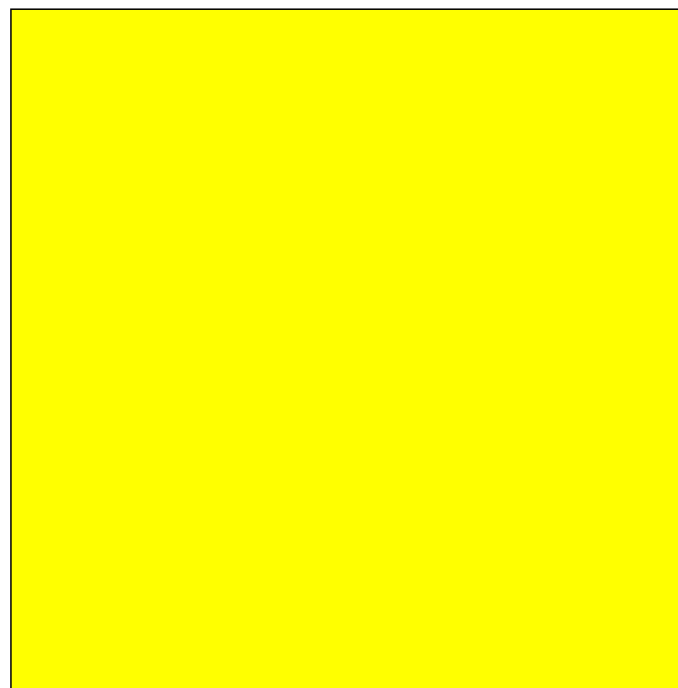
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the elementary colour e :	3D interpolation (3D):
1.0 1.0 0.0	linear interpolation (it): 1.0 0.884 0.0	3D interpolation (3D): 1.0 1.0 0.0
255 255 0	255 225 0	255 255 0
34.7 121.0 304.1	83.7 89.8 92.3	93.0 102.0 101.8
it-in: 208.8 208.8	3D-it: 22.0 22.0	

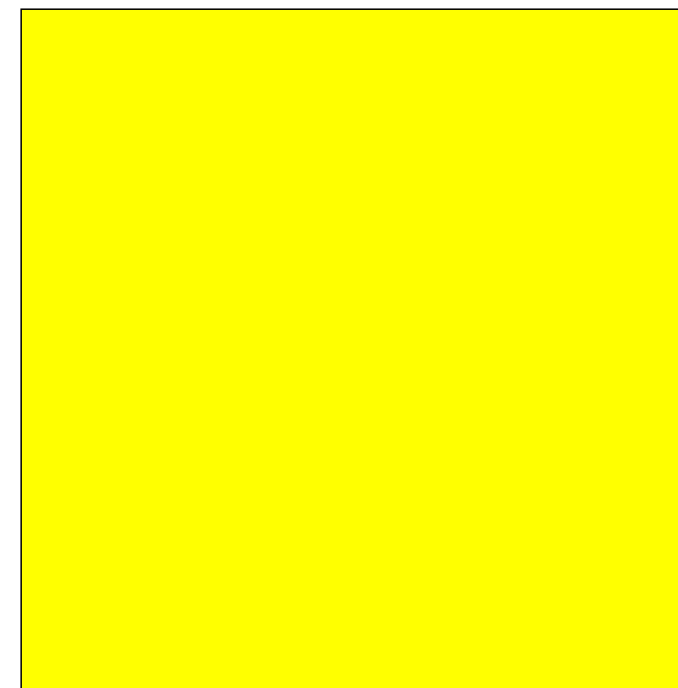
3 Colours no.
 $j=8$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the device colour d :	3D interpolation (3D):
1.0 1.0 0.0	linear interpolation (it): 0.864 1.0 0.0	3D interpolation (3D): 1.0 1.0 0.0
255 255 0	220 255 0	255 255 0
34.7 121.0 304.1	90.1 102.2 101.8	93.0 102.0 101.8
it-in: 226.0 226.0	3D-in: 0.0 0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



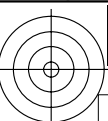
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



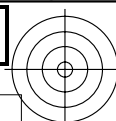
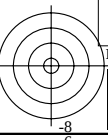
TUB-test chart KE98; Colorimetric systems, Page 9/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input



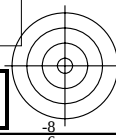


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



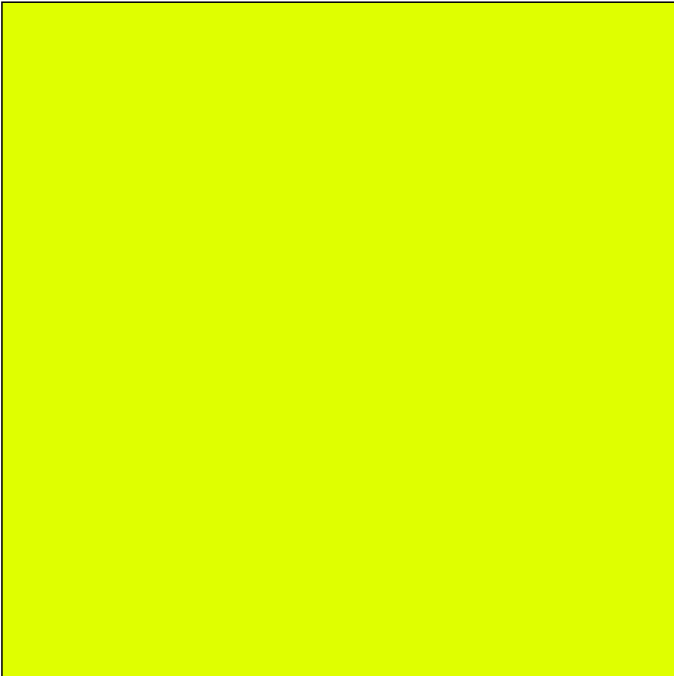
n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
9	0.875 1.0 0.0	96.6	91.2 99.7 100.0 -17.2 98.1	91.2 99.7 100.0 -17.2 98.1	0.0	1.0	j11g	o98y		1.0 0.978 0.0	1.0 0.978 0.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
9	0.875 1.0 0.0	96.6	89.5 102.8 105.2 -26.8 99.3	89.5 102.8 105.2 -26.8 99.3	0.0	1.0	j18g	y11l		0.816 1.0 0.0	0.816 1.0 0.0

3 Colours no.
j=9

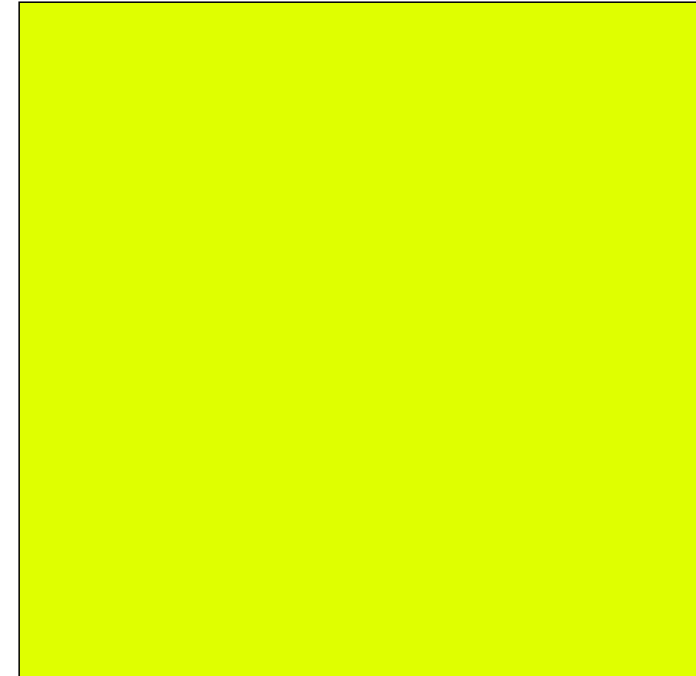
rgb input (in):	linear interpolation (it):			3D interpolation (3D):		
rgb^*_{Fa}	0.875	1.0	0.0	1.0	0.978	0.0
$rgb^*_{Fa, 8bit}$	223	255	0	255	249	0
L^*, C^*_{ab}, h_{ab}	22.9	13.1	142.9	91.2	99.7	100.0
$\Delta E^*_{ab}, \Delta E^*_{m}$	it-in: 113.4 113.4 3D-it: 18.1 18.1					

3 Colours no.
j=9

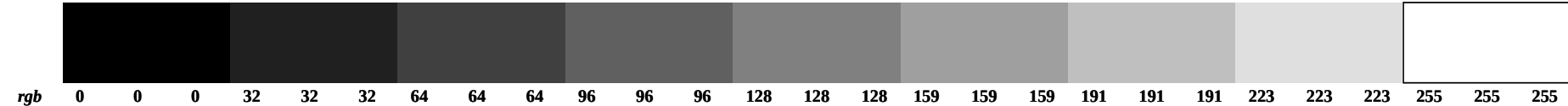
rgb input (in):	linear interpolation (it):			3D interpolation (3D):		
olv^*_{Fa}	0.875	1.0	0.0	0.816	1.0	0.0
$olv^*_{Fa, 8bit}$	223	255	0	208	255	0
L^*, C^*_{ab}, h_{ab}	22.9	13.1	142.9	89.5	102.8	105.2
$\Delta E^*_{ab}, \Delta E^*_{m}$	it-in: 114.3 114.3 3D-in: 0.0 0.0					



Elementary colour e of 3D interpolation

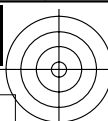
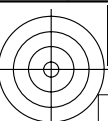


Device colour d of 3D interpolation



KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48

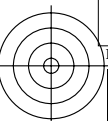
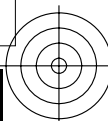




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 11/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
10	0.75 1.0 0.0	103.9 90.8 102.1 108.5 -32.3 96.8	90.8 102.1 108.5 -32.3 96.8	0.0 1.0 j23g y10l	0.9 1.0 0.0	0.9 1.0 0.0					
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
10	0.75 1.0 0.0	103.9 88.8 103.6 108.9 -33.5 98.0	88.8 103.6 108.9 -33.5 98.0	0.0 1.0 j24g y23l	0.763 1.0 0.0	0.763 1.0 0.0					

3 Colours no.
 $j=10$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):

0.75 1.0 0.0
191 255 0
23.3 7.2 216.2

output of the elementary colour e:

linear interpolation (it):

0.9 1.0 0.0
230 255 0
90.8 102.1 108.5

3D interpolation (3D):

0.75 1.0 0.0
191 255 0
88.7 103.7 115.9

it-in: 124.4 124.4 3D-it: 13.6 13.6

3 Colours no.
 $j=10$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):

0.75 1.0 0.0
191 255 0
23.3 7.2 216.2

output of the device colour d:

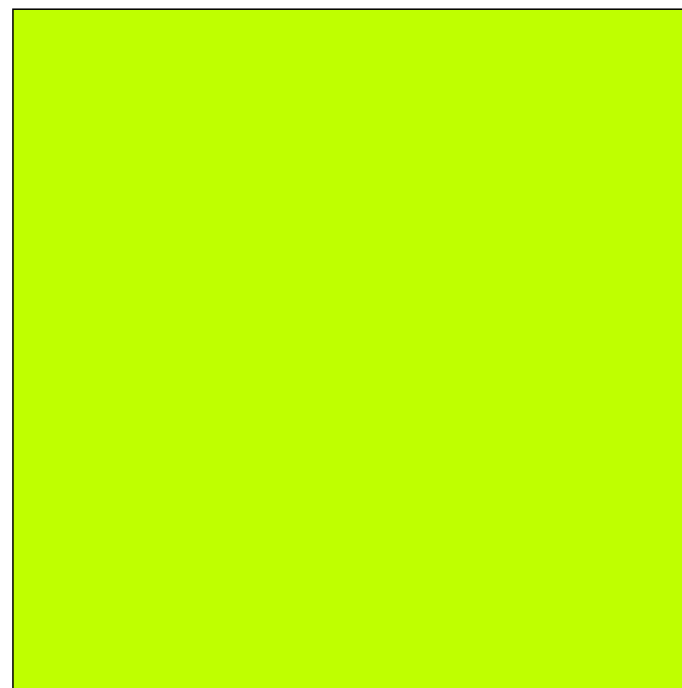
linear interpolation (it):

0.763 1.0 0.0
194 255 0
88.8 103.6 108.9

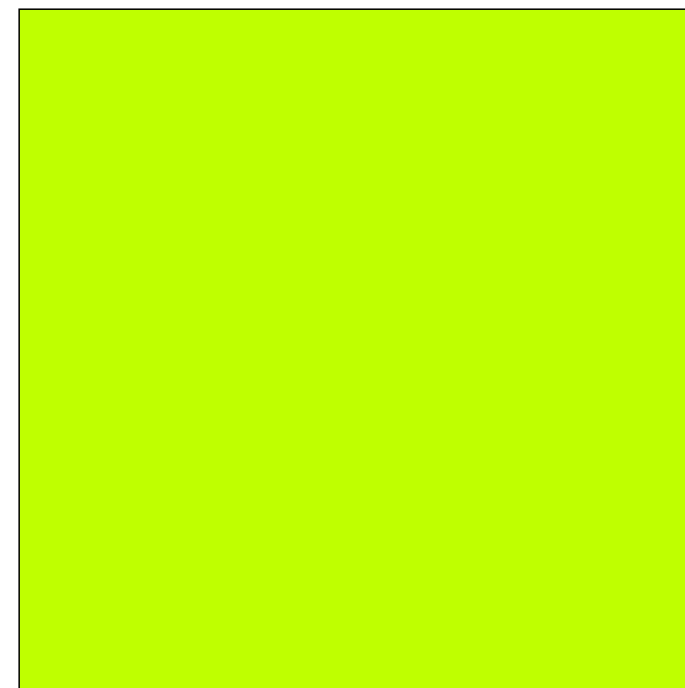
3D interpolation (3D):

0.75 1.0 0.0
191 255 0
88.7 103.7 115.9

it-in: 124.5 124.5 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



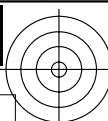
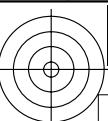
rgb 0 0 0 32 32 32 64 64 64 96 96 96 128 128 128 159 159 159 191 191 191 223 223 223 255 255 255



TUB-test chart KE98; Colorimetric systems, Page 11/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input

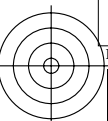
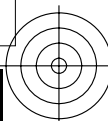




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 12/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
11	0.625 1.0 0.0	111.8 88.2 104.7 117.7 -48.5 92.7	88.2 104.7 117.7 -48.5 92.7	88.2 104.7 117.7 -48.5 92.7	0.0	1.0	j36g	y30l		0.703 1.0 0.0	0.703 1.0 0.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
11	0.625 1.0 0.0	111.8 88.2 104.6 112.9 -40.7 96.4	88.2 104.6 112.9 -40.7 96.4	88.2 104.6 112.9 -40.7 96.4	0.0	1.0	j29g	y36l		0.705 1.0 0.0	0.705 1.0 0.0

3 Colours no.
j=11

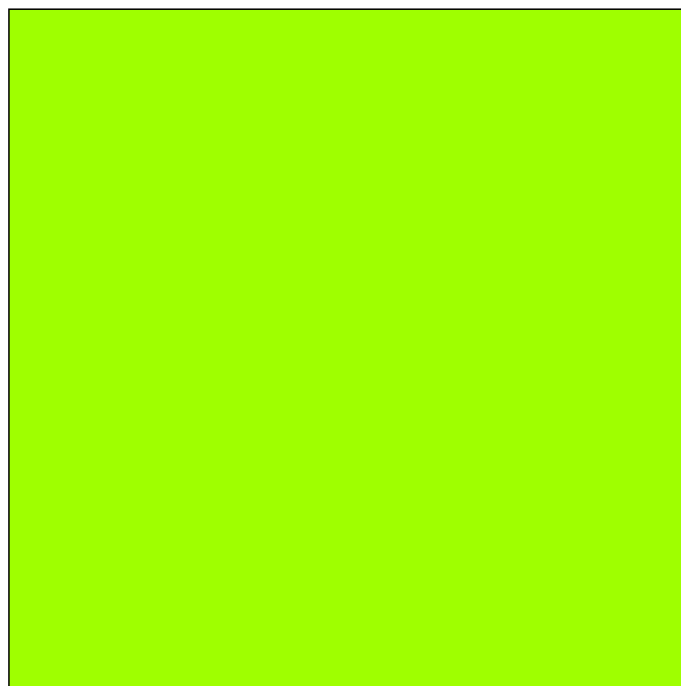
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the elementary colour e:
0.625 1.0 0.0	linear interpolation (it): 3D interpolation (3D):
159 255 0	0.703 1.0 0.0 0.625 1.0 0.0
24.3 23.0 281.5	179 255 0 159 255 0
	88.2 104.7 117.7 87.4 106.3 120.6
it-in: 142.1 142.1	3D-it: 5.7 5.7

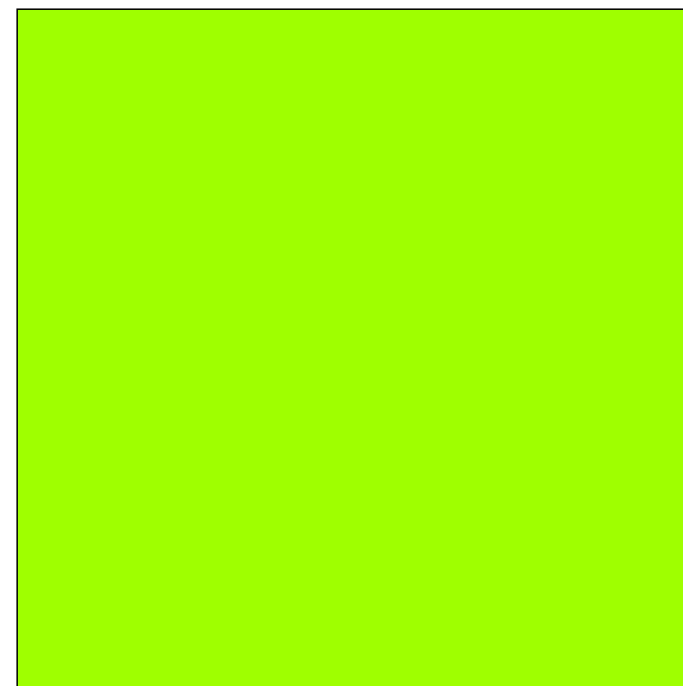
3 Colours no.
j=11

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the device colour d:
0.625 1.0 0.0	linear interpolation (it): 3D interpolation (3D):
159 255 0	0.705 1.0 0.0 0.625 1.0 0.0
24.3 23.0 281.5	180 255 0 159 255 0
	88.2 104.6 112.9 87.4 106.3 120.6
it-in: 142.4 142.4	3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



rgb 0 0 0 32 32 32 64 64 64 96 96 96 128 128 128 159 159 159 191 191 191 223 223 223 255 255 255

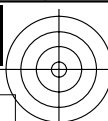
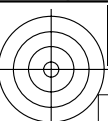


TUB-test chart KE98; Colorimetric systems, Page 12/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input



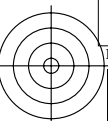
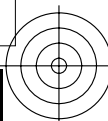
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 13/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
12	0.5 1.0 0.0	120.0	85.7 111.8 127.3 -67.6 89.0	85.7 111.8 127.3 -67.6 89.0	0.0	1.0	j49g	y61l		0.385 1.0 0.0	0.385 1.0 0.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
12	0.5 1.0 0.0	120.0	87.6 105.9 117.1 -48.2 94.2	87.6 105.9 117.1 -48.2 94.2	0.0	1.0	j35g	y50l		0.645 1.0 0.0	0.645 1.0 0.0

3 Colours no.
 $j=12$

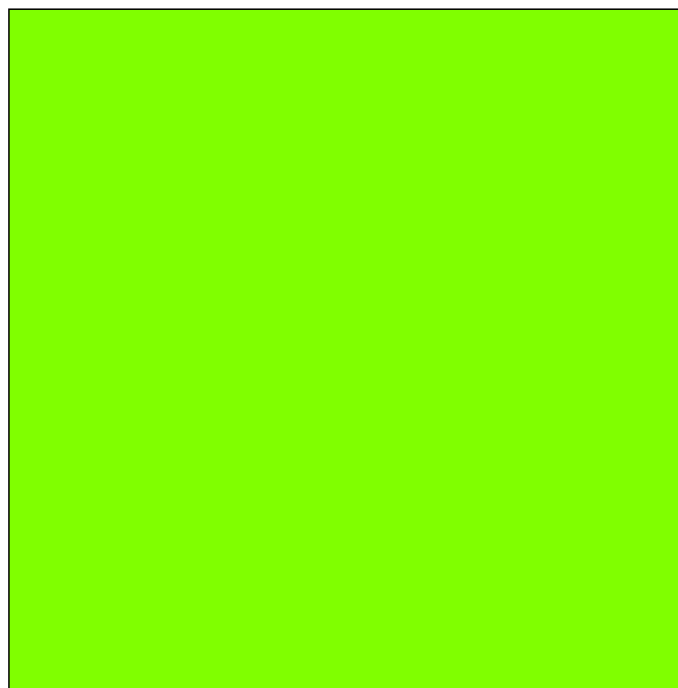
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the elementary colour e :			linear interpolation (it):			3D interpolation (3D):		
0.5 1.0 0.0	0.385	1.0	0.0	0.5	1.0	0.0	0.5	1.0	0.0
128 255 0	98	255	0	128	255	0	128	255	0
25.6 39.4 291.5	85.7	111.8	127.3	86.5	109.0	124.4			
it-in:			161.7	161.7	3D-it:	6.3	6.3		

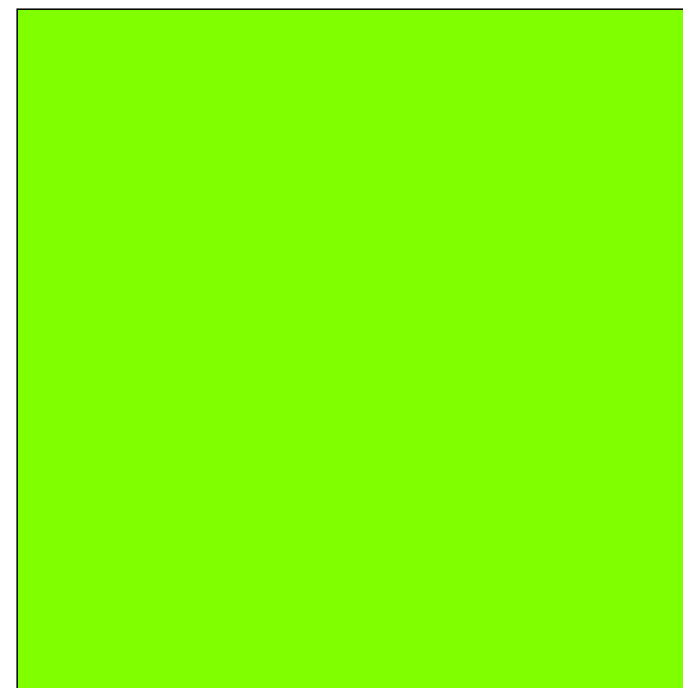
3 Colours no.
 $j=12$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

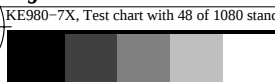
rgb input (in):	output of the device colour d :			linear interpolation (it):			3D interpolation (3D):		
0.5 1.0 0.0	0.645	1.0	0.0	0.5	1.0	0.0	0.5	1.0	0.0
128 255 0	164	255	0	128	255	0	128	255	0
25.6 39.4 291.5	87.6	105.9	117.1	86.5	109.0	124.4			
it-in:			157.8	157.8	3D-in:	0.0	0.0		



Elementary colour e of 3D interpolation



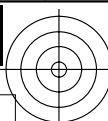
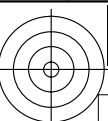
Device colour d of 3D interpolation



KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48

TUB-test chart KE98; Colorimetric systems, Page 13/48
48 colours for output linearisation: 48 step hue circle

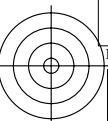
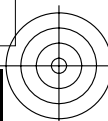
input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input



See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 14/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$	
13	0.375 1.0 0.0	128.2	84.5 106.0 136.8 -77.2 72.5	84.5 106.0 136.8 -77.2 72.5	0.0	1.0	j63g	l19c		0.0 1.0	0.195 0.0 1.0	0.195
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$	
13	0.375 1.0 0.0	128.2	87.1 107.1 121.4 -55.6 91.5	87.1 107.1 121.4 -55.6 91.5	0.0	1.0	j41g	y64l		0.585 1.0	0.0 0.585 1.0	0.0

3 Colours no.
 $j=13$

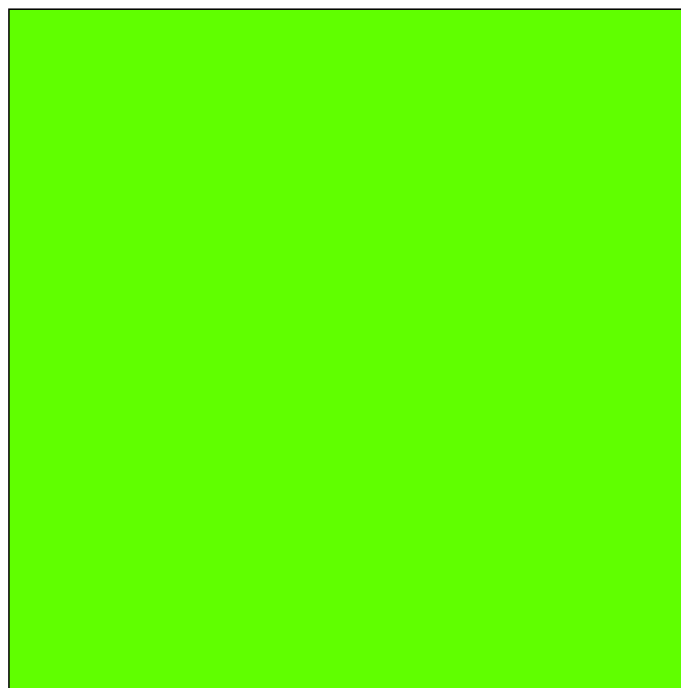
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in): 0.375 1.0 0.0
linear interpolation (it): 0.0 1.0 0.195
3D interpolation (3D): 0.375 1.0 0.0
0.0 1.0 0.195
0 255 50 96 255 0
26.9 53.1 295.3 84.5 106.0 136.8 85.7 112.0 127.5
it-in: 166.8 166.8 3D-it: 18.7 18.7

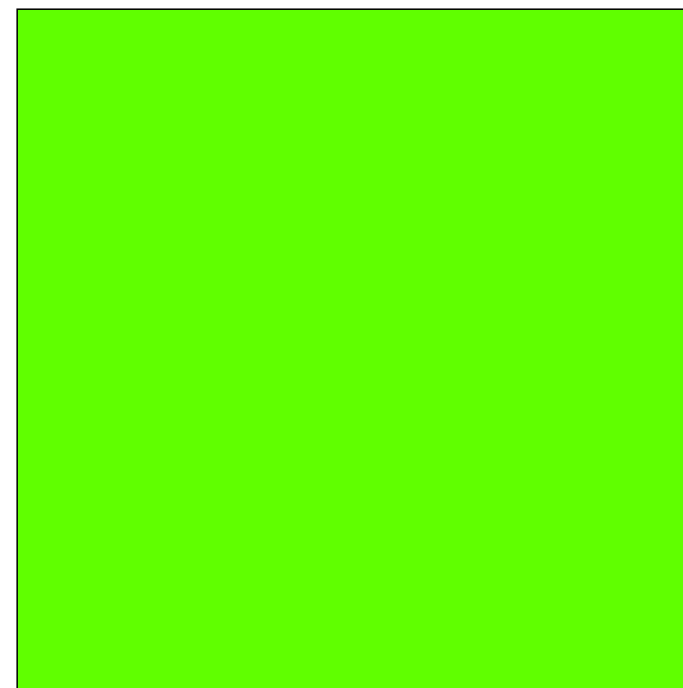
3 Colours no.
 $j=13$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

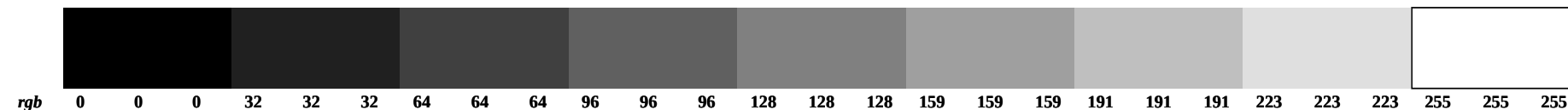
rgb input (in): 0.375 1.0 0.0
linear interpolation (it): 0.585 1.0 0.0
3D interpolation (3D): 0.375 1.0 0.0
0.585 1.0 0.0
149 255 0 96 255 0
26.9 53.1 295.3 87.1 107.1 121.4 85.7 112.0 127.5
it-in: 171.0 171.0 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



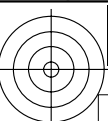
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



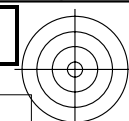
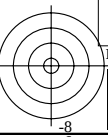
TUB-test chart KE98; Colorimetric systems, Page 14/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input



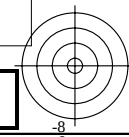


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
14	0.25 1.0 0.0	136.1	84.9 85.4 146.0 -70.7 47.7	84.9 85.4 146.0 -70.7 47.7	0.0	1.0	j76g	l45c		0.0 1.0 0.449 0.0 1.0 0.449	
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
14	0.25 1.0 0.0	136.1	86.7 108.4 125.4 -62.7 88.4	86.7 108.4 125.4 -62.7 88.4	0.0	1.0	i47g	y77l		0.527 1.0 0.0 0.527 1.0 0.0	

3 Colours no.
 $j=14$

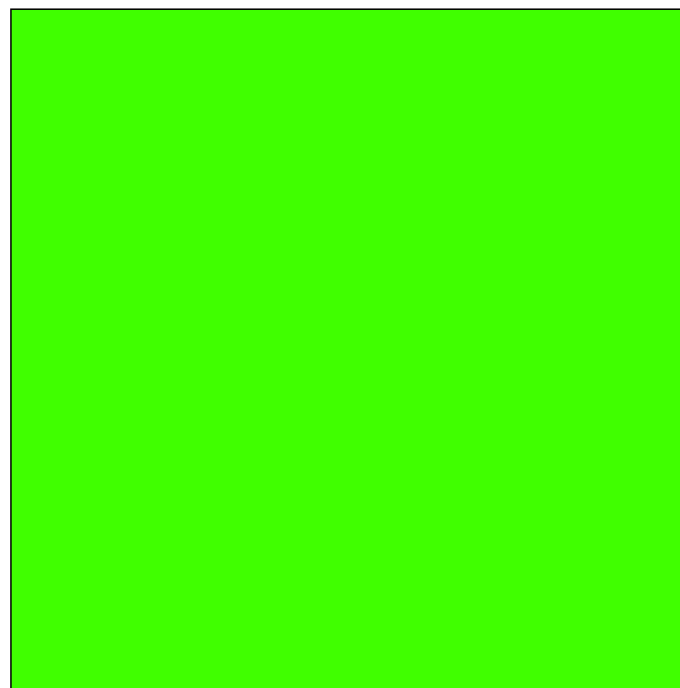
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
linear interpolation (it):								
0.25	1.0	0.0	0.0	1.0	0.449	0.25	1.0	0.0
64	255	0	0	255	114	64	255	0
28.3	65.9	298.1	84.9	85.4	146.0	85.0	114.6	129.9
it-in:			157.4	157.4	3D-it:	40.3	40.3	

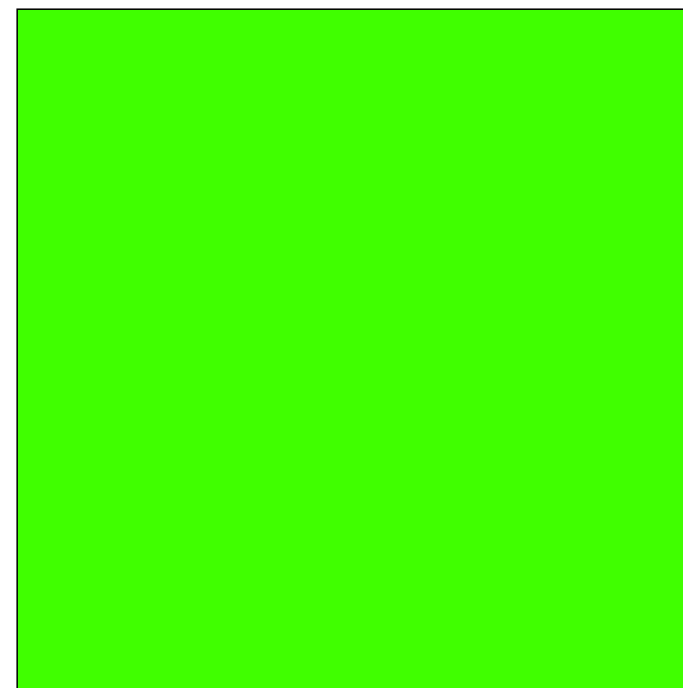
3 Colours no.
 $j=14$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

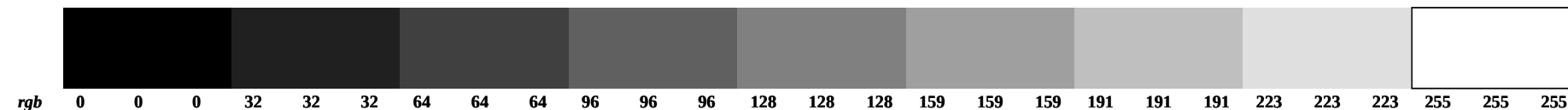
rgb input (in):			output of the device colour d:			3D interpolation (3D):		
linear interpolation (it):								
0.25	1.0	0.0	0.527	1.0	0.0	0.25	1.0	0.0
64	255	0	134	255	0	64	255	0
28.3	65.9	298.1	86.7	108.4	125.4	85.0	114.6	129.9
it-in:			183.5	183.5	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



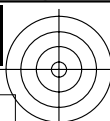
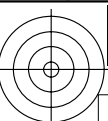
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 15/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input

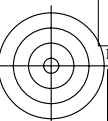
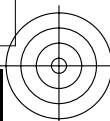




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 16/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
15	0.125 1.0 0.0	143.4 85.3 72.0	154.5 -64.9 31.0	85.3 72.0 154.5 -64.9 31.0	0.0	1.0	j88g	l64c		0.0 1.0	0.642 0.0 1.0 0.642
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
15	0.125 1.0 0.0	143.4 86.3 109.6	129.1 -69.1 85.0	86.3 109.6 129.1 -69.1 85.0	0.0	1.0	j52g	y89l		0.473 1.0	0.0 0.473 1.0 0.0

3 Colours no.
 $j=15$

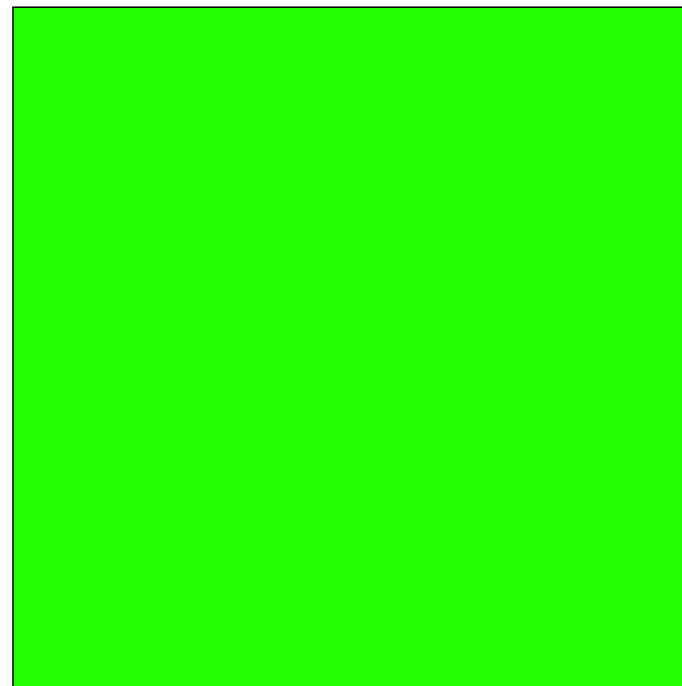
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the elementary colour e :			linear interpolation (it):			3D interpolation (3D):		
0.125 1.0 0.0	0.0	1.0	0.642	0.125	1.0	0.0	0.125	1.0	0.0
32 255 0	0	255	164	32	255	0	32	255	0
30.0 77.9 299.8	85.3	72.0	154.5	84.5	117.0	131.8			
it-in:			153.4 153.4	3D-it:			57.8 57.8		

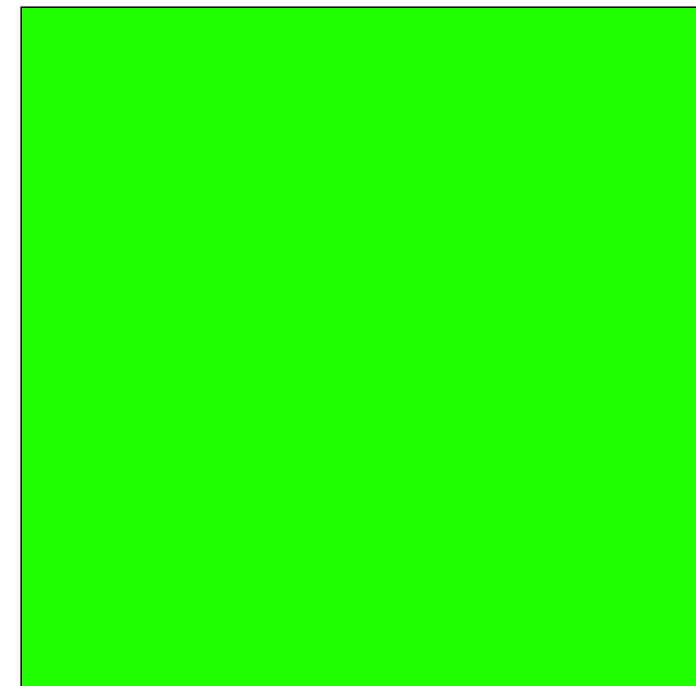
3 Colours no.
 $j=15$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

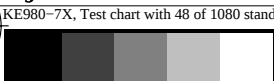
rgb input (in):	output of the device colour d :			linear interpolation (it):			3D interpolation (3D):		
0.125 1.0 0.0	0.473	1.0	0.0	0.125	1.0	0.0	0.125	1.0	0.0
32 255 0	121	255	0	32	255	0	32	255	0
30.0 77.9 299.8	86.3	109.6	129.1	84.5	117.0	131.8			
it-in:			195.2 195.2	3D-in:			0.0 0.0		



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation

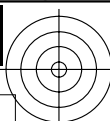
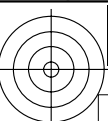


TUB-test chart KE98; Colorimetric systems, Page 16/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input



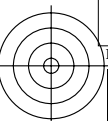
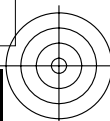
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 17/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
16	0.0 1.0 0.0	150.0	85.7 63.5 162.2 -60.4 19.4	85.7 63.5 162.2 -60.4 19.4	0.0	1.0	j99g	177c		0.0 1.0 0.774	0.0 1.0 0.774
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
16	0.0 1.0 0.0	150.0	86.0 110.8 132.5 -74.7 81.7	86.0 110.8 132.5 -74.7 81.7	0.0	1.0	j57g	y100l		0.425 1.0 0.0	0.425 1.0 0.0

3 Colours no.
 $j=16$

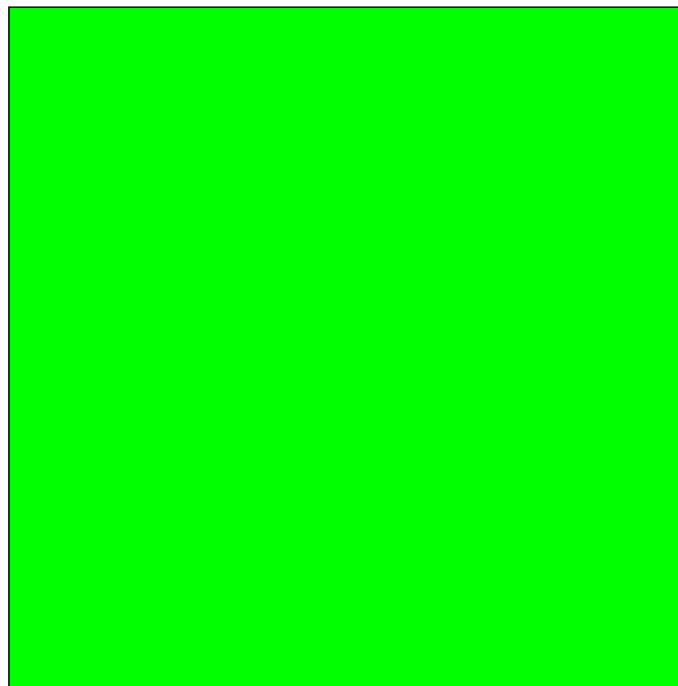
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
0.0	1.0	0.0	0.0	1.0	0.774	0.0	1.0	0.0
0	255	0	0	255	197	0	255	0
32.1	90.4	301.0	85.7	63.5	162.2	84.4	118.1	132.5
it-in:			154.0	154.0	3D-it:	70.4	70.4	

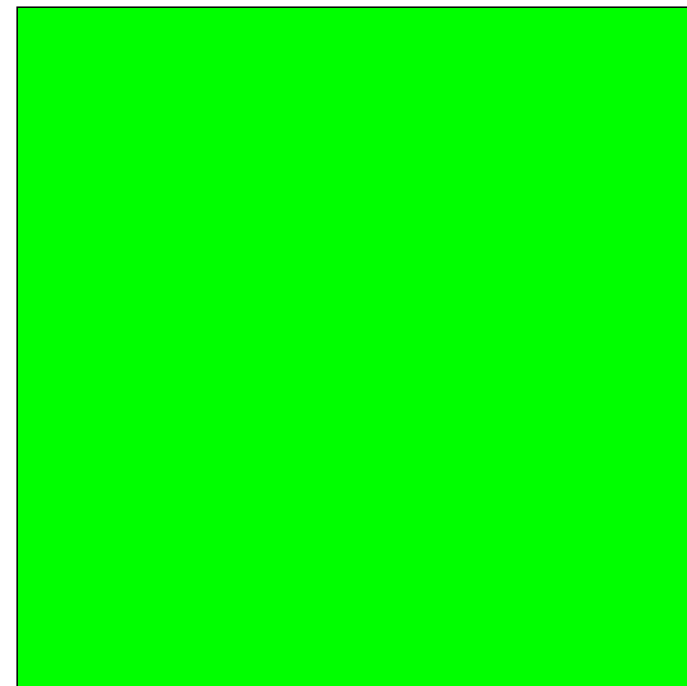
3 Colours no.
 $j=16$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the device colour d:			3D interpolation (3D):		
0.0	1.0	0.0	0.425	1.0	0.0	0.0	1.0	0.0
0	255	0	108	255	0	0	255	0
32.1	90.4	301.0	86.0	110.8	132.5	84.4	118.1	132.5
it-in:			207.3	207.3	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



rgb 0 0 0 32 32 32 64 64 64 96 96 96 128 128 128 159 159 159 191 191 191 223 223 223 255 255 255

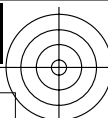
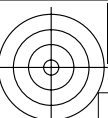
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 17/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

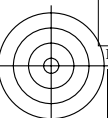
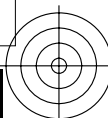




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 18/48



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
17	0.0 1.0 0.125	156.6	86.0 58.3 168.2 -57.0 11.9	86.0 58.3 168.2 -57.0 11.9	0.0	1.0	g05b	l85c		0.0 1.0 0.854	0.0 1.0 0.854
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
17	0.0 1.0 0.125	156.6	85.4 113.1 139.5 -85.9 73.4	85.4 113.1 139.5 -85.9 73.4	0.0	1.0	j67g	l11c		0.324 1.0 0.0	0.324 1.0 0.0

3 Colours no.
 $j=17$

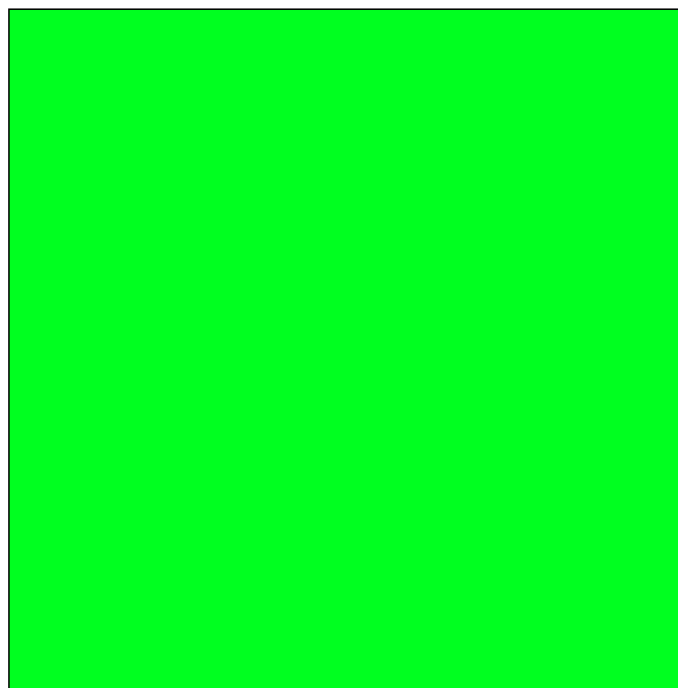
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
0.0	1.0	0.125	0.0	1.0	0.854	0.0	1.0	0.125
0	255	32	0	255	218	0	255	32
37.2	113.4	302.1	86.0	58.3	168.2	84.4	112.4	134.5
it-in:			166.8	166.8	3D-it:	71.6	71.6	

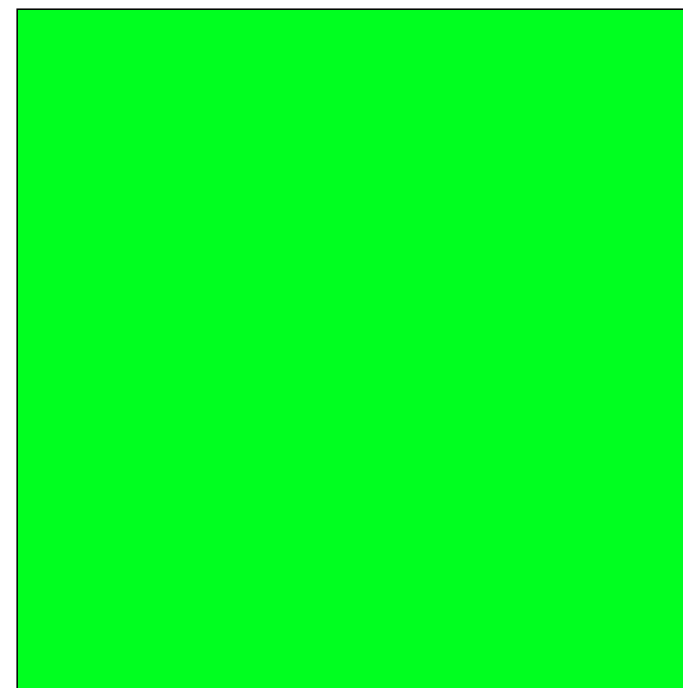
3 Colours no.
 $j=17$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

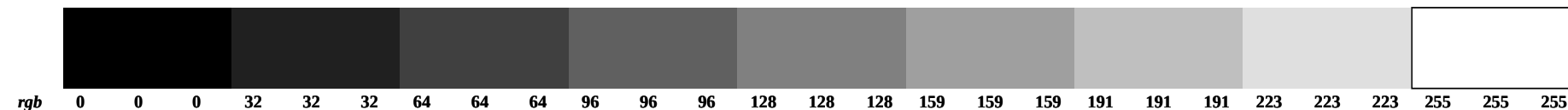
rgb input (in):			output of the device colour d:			3D interpolation (3D):		
0.0	1.0	0.125	0.324	1.0	0.0	0.0	1.0	0.125
0	255	32	83	255	0	0	255	32
37.2	113.4	302.1	85.4	113.1	139.5	84.4	112.4	134.5
it-in:			229.0	229.0	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



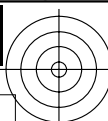
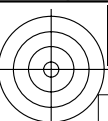
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 18/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^* / olv^* \text{ setrgbcolor}$
output: no change compared to input

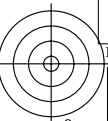
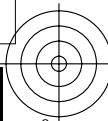




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Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 19/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
18	0.0 1.0 0.25	163.9	86.3 55.0 174.9 -54.6 4.9	86.3 55.0 174.9 -54.6 4.9	0.0	1.0	g11b	190c		0.0 1.0	0.899 0.0 1.0 0.899
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
18	0.0 1.0 0.25	163.9	84.9 115.3 147.4 -97.0 62.2	84.9 115.3 147.4 -97.0 62.2	0.0	1.0	i78g	123c		0.213 1.0	0.0 0.213 1.0 0.0

3 Colours no.
 $j=18$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
0.0 1.0 0.25
0 255 64
32.3 33.9 140.3

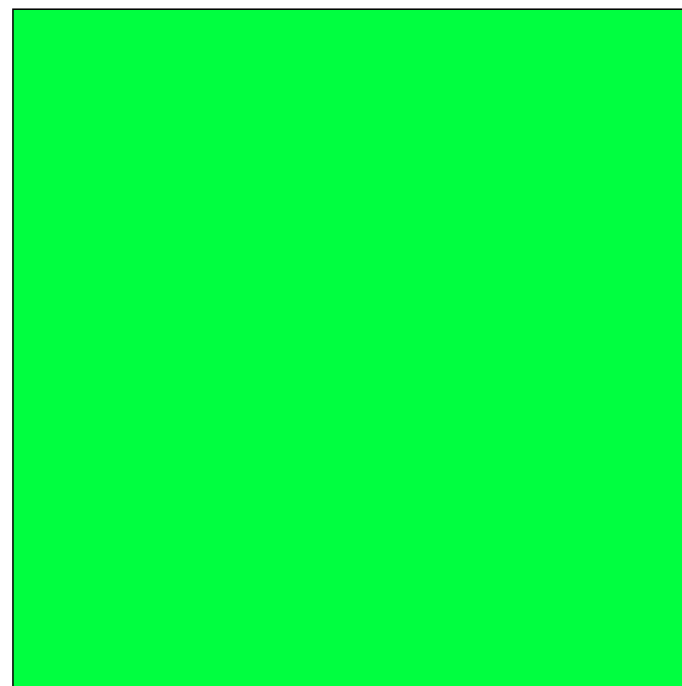
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
0.0 1.0 0.899 0.0 1.0 0.25
0 255 229 0 255 64
86.3 55.0 174.9 84.6 100.9 138.7
it-in: 63.4 63.4 3D-it: 65.2 65.2

3 Colours no.
 $j=18$

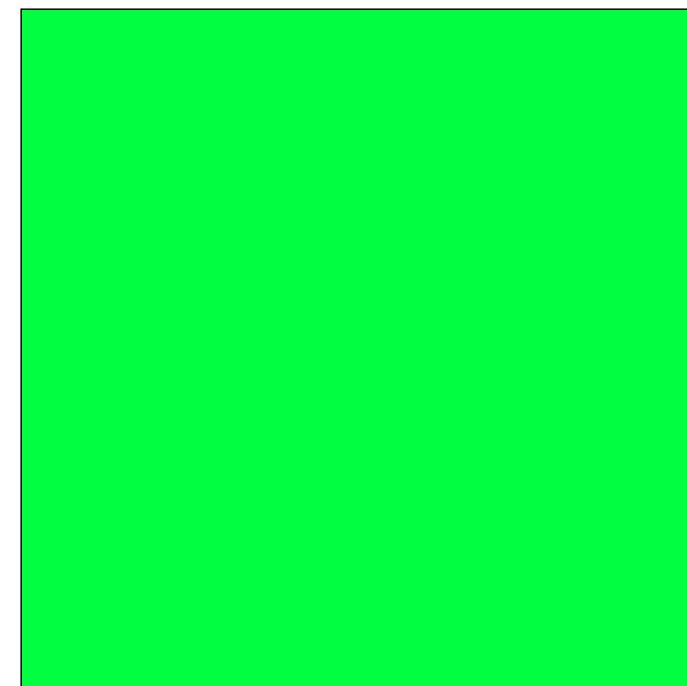
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
0.0 1.0 0.25
0 255 64
32.3 33.9 140.3

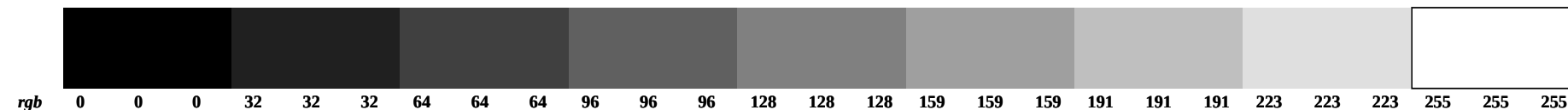
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
0.213 1.0 0.0 0.0 1.0 0.25
54 255 0 0 255 64
84.9 115.3 147.4 84.6 100.9 138.7
it-in: 97.2 97.2 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



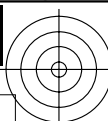
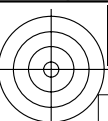
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 19/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input

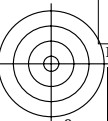
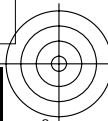




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 20/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
19	0.0 1.0 0.375	171.8	86.6 52.1 182.1 -52.0 -1.8	86.6 52.1 182.1 -52.0 -1.8	0.0	1.0	g18b	193c		0.0 1.0 0.932	0.0 1.0 0.932
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
19	0.0 1.0 0.375	171.8	84.5 117.3 155.8 -106.948.1	84.5 117.3 155.8 -106.948.1	0.0	1.0	j90g	136c		0.092 1.0 0.0	0.092 1.0 0.0

3 Colours no.
 $j=19$

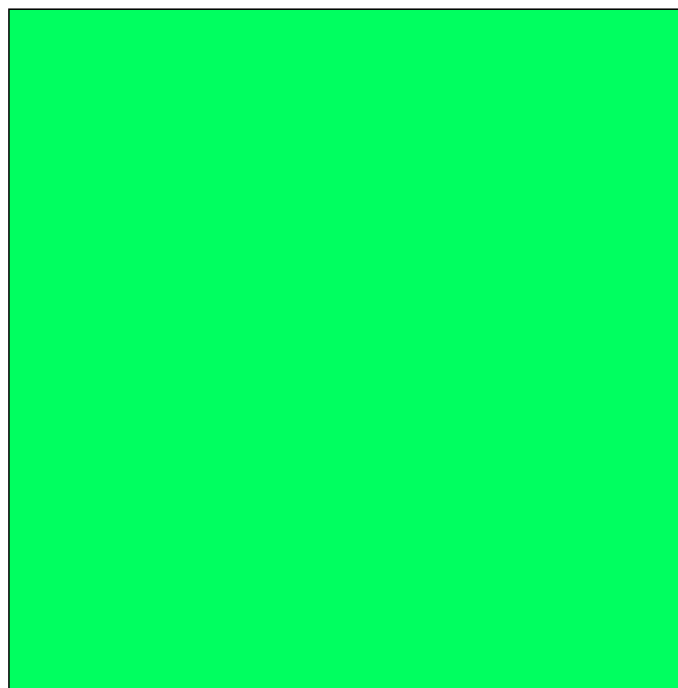
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
0.0	1.0	0.375	0.0	1.0	0.932	0.0	1.0	0.375
0	255	96	0	255	238	0	255	96
32.5	24.6	155.4	86.6	52.1	182.1	84.8	91.0	143.1
it-in:			62.9	62.9	3D-it:	60.2	60.2	

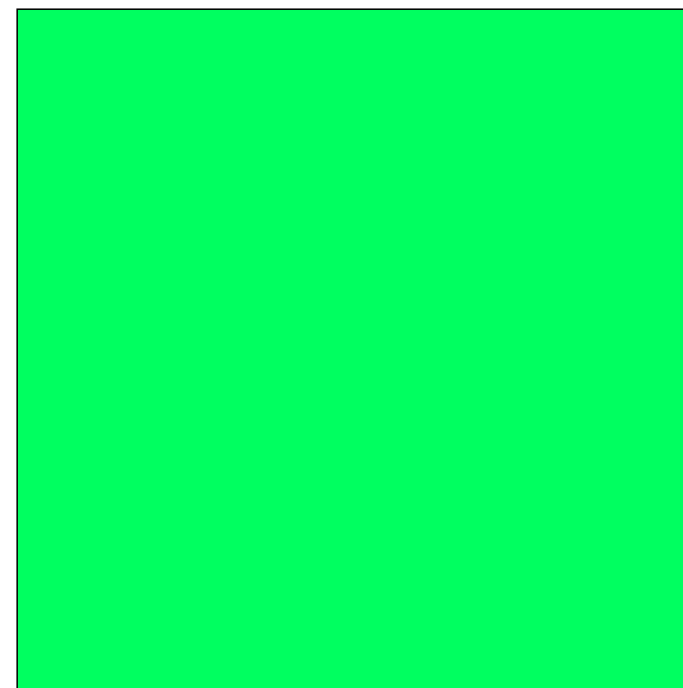
3 Colours no.
 $j=19$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

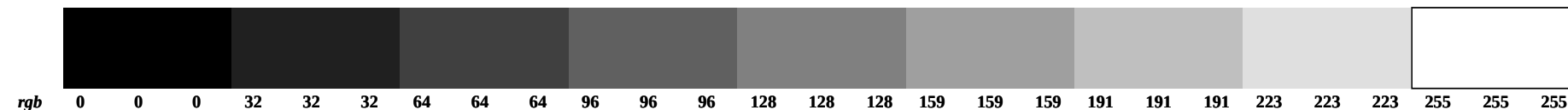
rgb input (in):			output of the device colour d:			3D interpolation (3D):		
0.0	1.0	0.375	0.092	1.0	0.0	0.0	1.0	0.375
0	255	96	23	255	0	0	255	96
32.5	24.6	155.4	84.5	117.3	155.8	84.8	91.0	143.1
it-in:			106.3	106.3	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



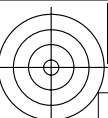
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



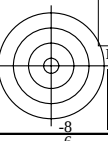
TUB-test chart KE98; Colorimetric systems, Page 20/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

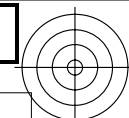




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

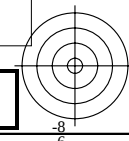


<http://130.149.60.45/~farbmeterik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 21/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$				h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$					$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$					n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$				
20	0.0	1.0	0.5		180.0	87.0	49.2	189.6	-48.4	-8.1	87.0	49.2	189.6	-48.4	-8.1	0.0	1.0	g25b	197c		0.0	1.0	0.967	0.0	1.0	0.967
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$				h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$					$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$					n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$				
20	0.0	1.0	0.5		180.0	84.4	116.1	164.6	-111.8	30.8	84.4	116.1	164.6	-111.8	30.8	0.0	1.0	g02b	150c		0.0	1.0	0.043	0.0	1.0	0.043

3 Colours no.
 $j=20$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
0.0 1.0 0.5
0 255 128
33.3 16.0 212.3

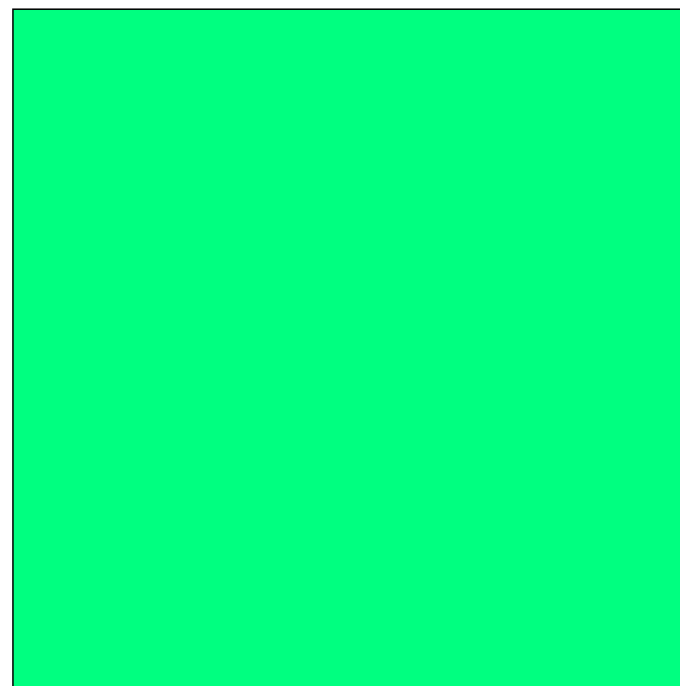
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
0.0 1.0 0.967 0.0 1.0 0.5
0 255 247 0 255 128
87.0 49.2 189.6 85.0 81.6 148.0
it-in: 64.1 64.1 3D-it: 55.4 55.4

3 Colours no.
 $j=20$

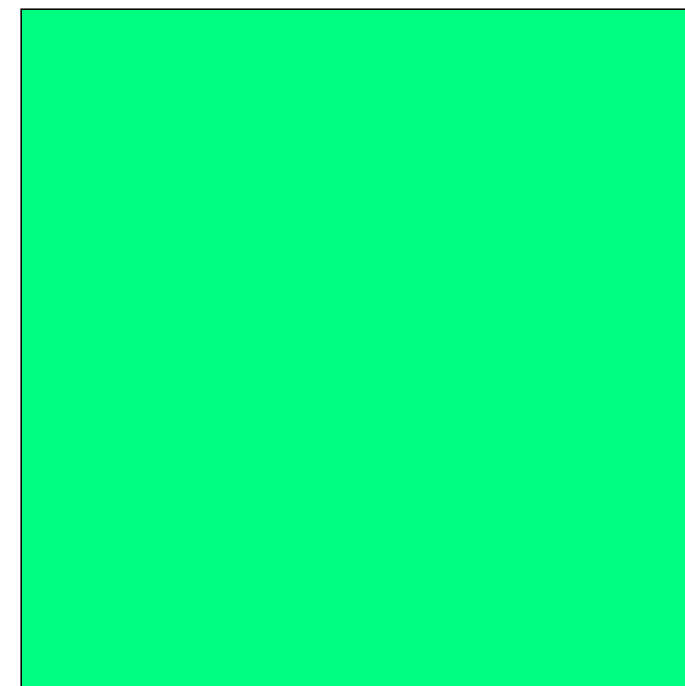
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
0.0 1.0 0.5
0 255 128
33.3 16.0 212.3

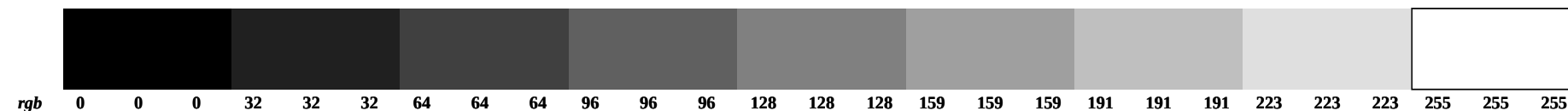
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
0.0 1.0 0.043 0.0 1.0 0.5
0 255 11 0 255 128
84.4 116.1 164.6 85.0 81.6 148.0
it-in: 117.7 117.7 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



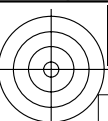
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



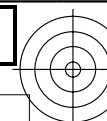
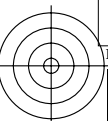
TUB-test chart KE98; Colorimetric systems, Page 21/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input





See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
21	0.0 1.0 0.625	188.2	87.2 46.3 197.1 -44.2 -13.5	87.2 46.3 197.1 -44.2 -13.5	0.0	1.0	g31b	c00v		0.0 0.999 1.0	0.0 0.999 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
21	0.0 1.0 0.625	188.2	84.5 105.1 173.4 -104.312.1	84.5 105.1 173.4 -104.312.1	0.0	1.0	g10b	l64c		0.0 1.0 0.204	0.0 1.0 0.204

n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
0.0	1.0	g31b	c00v		0.0 0.999 1.0	0.0 0.999 1.0
n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
0.0	1.0	g10b	l64c		0.0 1.0 0.204	0.0 1.0 0.204

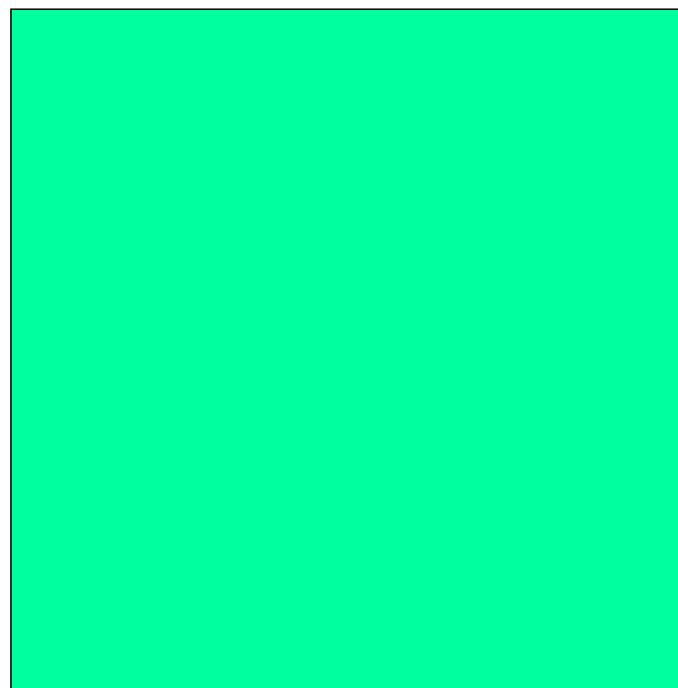


3 Colours no.
 $j=21$

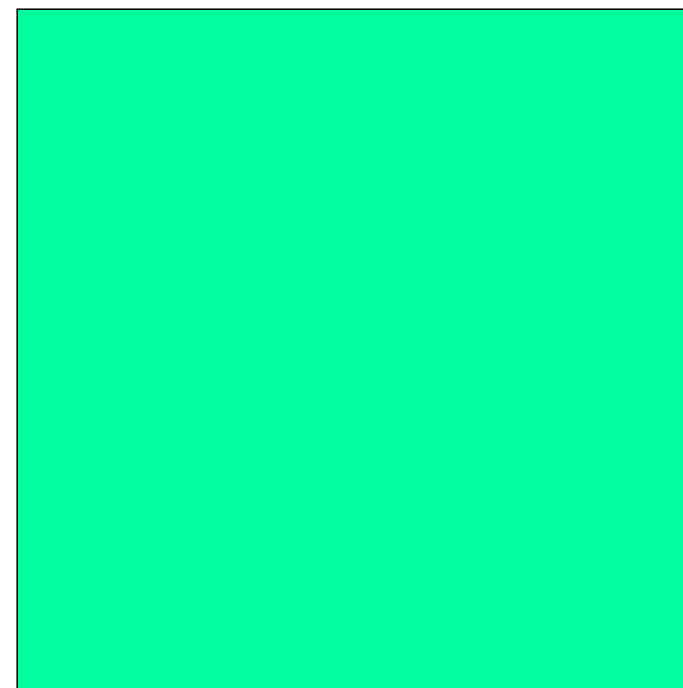
rgb input (in):	linear interpolation (it):	3D interpolation (3D):
0.0 1.0 0.625	0.0 0.999 1.0	0.0 1.0 0.625
0 255 159	0 255 255	0 255 159
34.1 23.0 257.5	87.2 46.3 197.1	85.3 73.1 153.6
$\Delta E^*_{ab}, \Delta E^*_{m}$	it-in: 66.6 66.6	3D-it: 50.8 50.8

3 Colours no.
 $j=21$

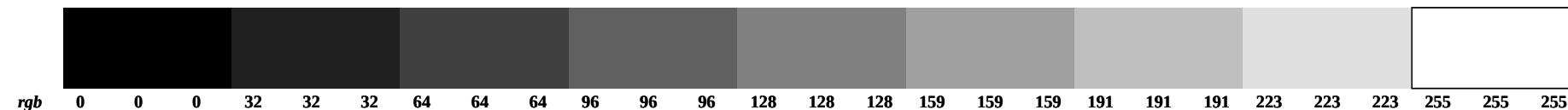
rgb input (in):	linear interpolation (it):	3D interpolation (3D):
0.0 1.0 0.625	0.0 1.0 0.204	0.0 1.0 0.625
0 255 159	0 255 52	0 255 159
34.1 23.0 257.5	84.5 105.1 173.4	85.3 73.1 153.6
$\Delta E^*_{ab}, \Delta E^*_{m}$	it-in: 116.7 116.7	3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



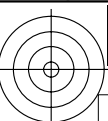
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



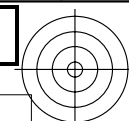
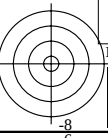
TUB-test chart KE98; Colorimetric systems, Page 22/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input



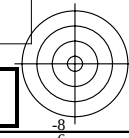


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
22	0.0 1.0 0.75	196.1 84.7 45.4 204.3 -41.2 -18.6	84.7 45.4 204.3 -41.2 -18.6	0.0 1.0 g38b c03v	0.0 1.0 g38b c03v	0.0 1.0 g38b c03v	0.0 1.0 g38b c03v	0.0 1.0 g38b c03v	0.0 1.0 g38b c03v	0.0 0.972 1.0	0.0 0.972 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
22	0.0 1.0 0.75	196.1 84.8 92.3 181.8 -92.2 -2.9	84.8 92.3 181.8 -92.2 -2.9	0.0 1.0 g18b l77c	0.0 1.0 g18b l77c	0.0 1.0 g18b l77c	0.0 1.0 g18b l77c	0.0 1.0 g18b l77c	0.0 1.0 g18b l77c	0.0 1.0 0.358	0.0 1.0 0.358

3 Colours no.
j=22

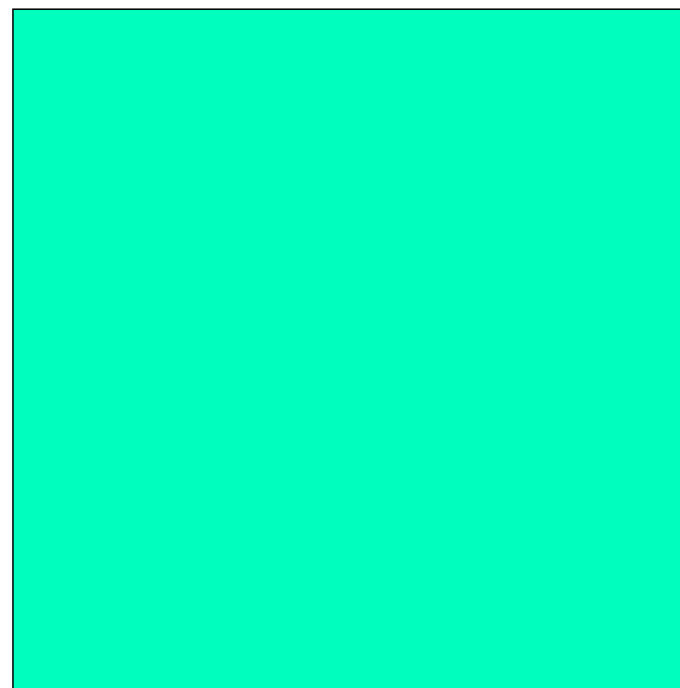
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
0.0	1.0	0.75	0.0	0.972	1.0	0.0	1.0	0.75
0	255	191	0	248	255	0	255	191
35.0	34.9	275.9	84.7	45.4	204.3	85.6	65.1	160.4
it-in:			68.9	68.9	3D-it:	45.2	45.2	

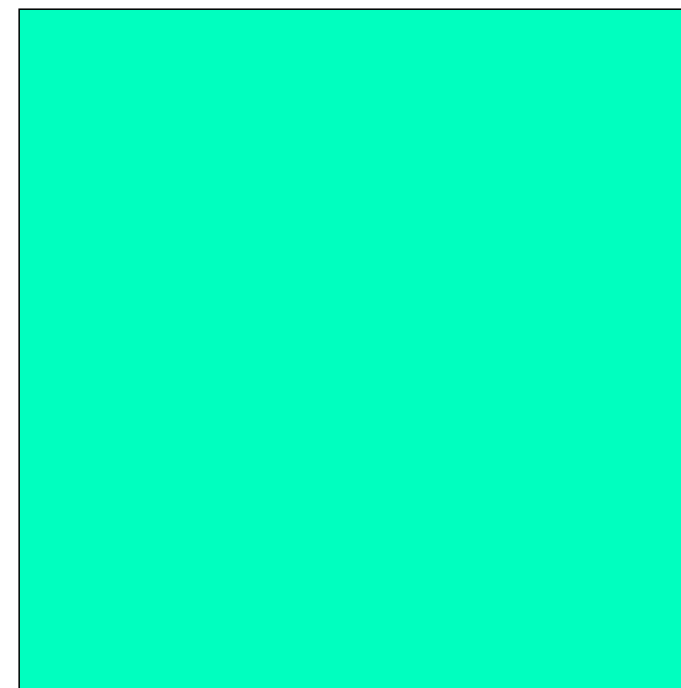
3 Colours no.
j=22

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

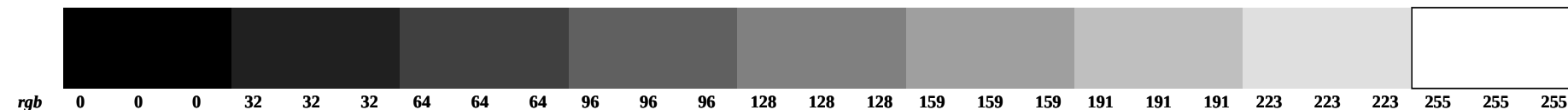
rgb input (in):			output of the device colour d:			3D interpolation (3D):		
0.0	1.0	0.75	0.0	1.0	0.358	0.0	1.0	0.75
0	255	191	0	255	91	0	255	191
35.0	34.9	275.9	84.8	92.3	181.8	85.6	65.1	160.4
it-in:			112.6	112.6	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



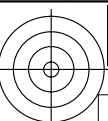
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



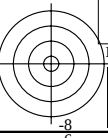
TUB-test chart KE98; Colorimetric systems, Page 23/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input

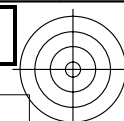




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Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

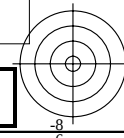


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 24/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
23	0.0 1.0 0.875	203.4	82.4 44.4 211.0 -38.0 -22.8	82.4 44.4 211.0 -38.0 -22.8	0.0	1.0	g44b	c05v		0.0 0.947 1.0	0.0 0.947 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
23	0.0 1.0 0.875	203.4	85.0 81.5 189.7 -80.2 -13.6	85.0 81.5 189.7 -80.2 -13.6	0.0	1.0	g25b	l89c		0.0 1.0 0.501	0.0 1.0 0.501

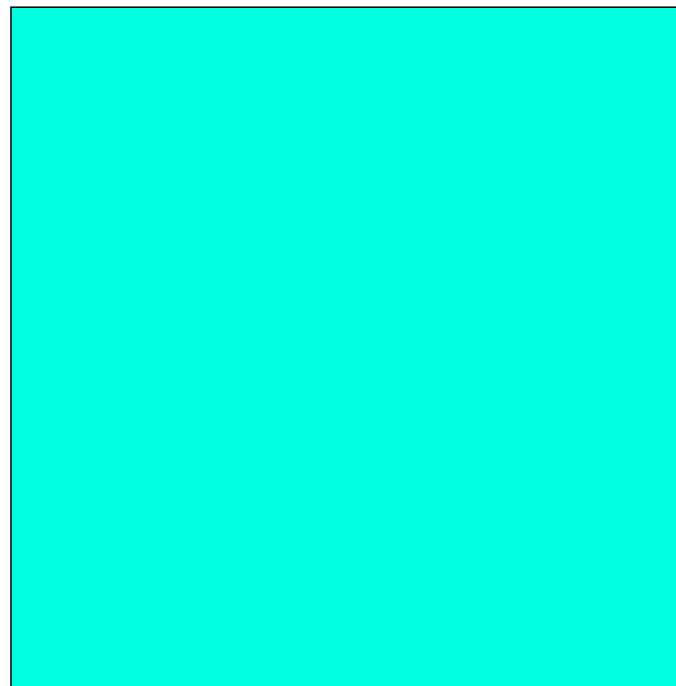


3 Colours no.
j=23

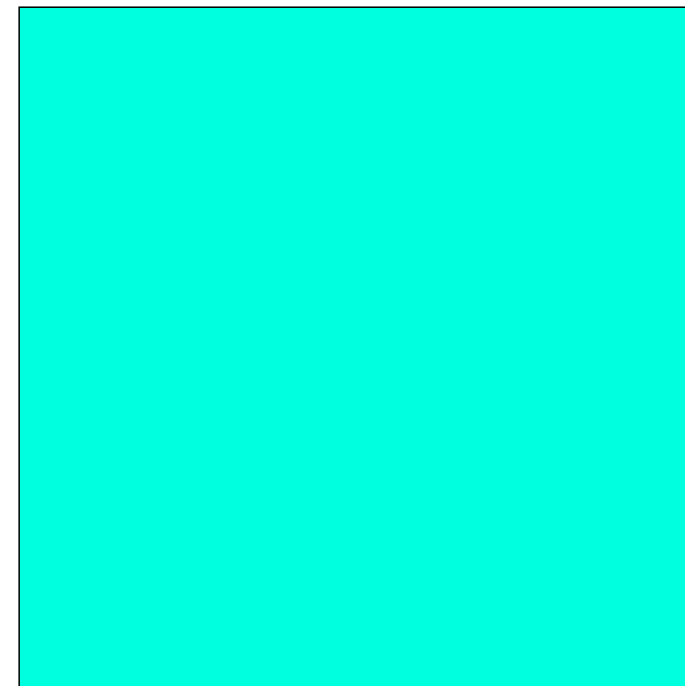
rgb input (in):	output of the elementary colour e:
rgb^*_{Fa}	linear interpolation (it): 3D interpolation (3D):
$rgb^*_{Fa, 8bit}$	0.0 0.947 1.0 0.0 1.0 0.875
L^*, C^*_{ab}, h_{ab}	0 255 223 0 242 255 0 255 223
$\Delta E^*_{ab}, \Delta E^*_{m}$	36.0 46.9 284.3 82.4 44.4 211.0 86.1 56.9 169.9
	it-in: 71.6 71.6 3D-it: 37.7 37.7

3 Colours no.
j=23

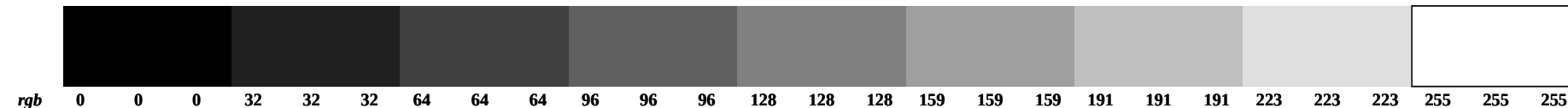
rgb input (in):	output of the device colour d:
olv^*_{Fa}	linear interpolation (it): 3D interpolation (3D):
$olv^*_{Fa, 8bit}$	0.0 1.0 0.501 0.0 1.0 0.875
L^*, C^*_{ab}, h_{ab}	0 255 128 0 255 223
$\Delta E^*_{ab}, \Delta E^*_{m}$	36.0 46.9 284.3 85.0 81.5 189.7 86.1 56.9 169.9
	it-in: 108.9 108.9 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



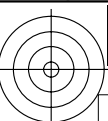
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



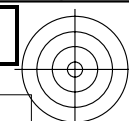
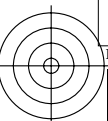
TUB-test chart KE98; Colorimetric systems, Page 24/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^* / olv^* \text{ setrgbcolor}$
output: no change compared to input



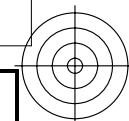


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
24	0.0 1.0 1.0	210.0	80.3 43.6 217.0 -34.7 -26.1	80.3 43.6 217.0 -34.7 -26.1	0.0	1.0	g50b	c08v		0.0 0.925 1.0	0.0 0.925 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
24	0.0 1.0 1.0	210.0	85.3 72.8 196.7 -69.6 -20.8	85.3 72.8 196.7 -69.6 -20.8	0.0	1.0	g31b	c00v		0.0 1.0 0.63	0.0 1.0 0.63

3 Colours no.
 $j=24$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
0.0 1.0 1.0
0 255 255
37.3 58.7 289.4

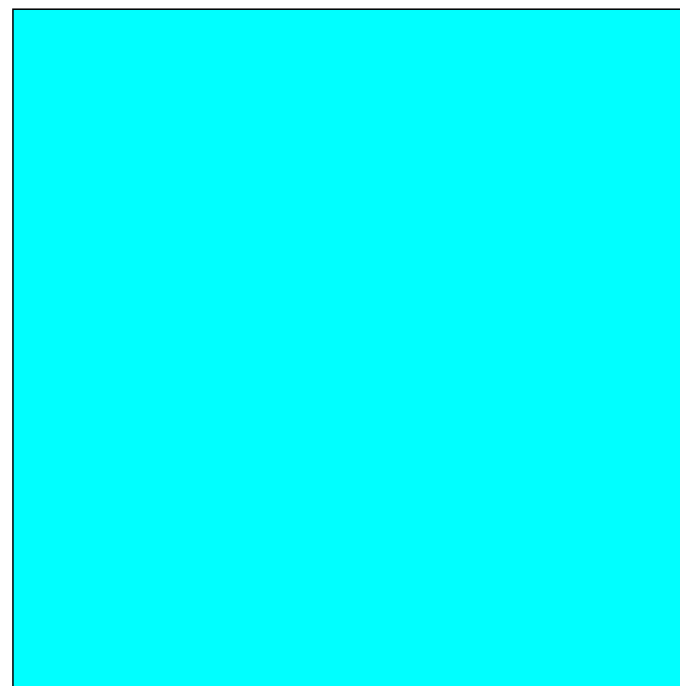
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
0.0 0.925 1.0 0.0 1.0 1.0
0 236 255 0 255 255
80.3 43.6 217.0 87.3 46.4 196.7
it-in: 75.2 75.2 3D-it: 17.5 17.5

3 Colours no.
 $j=24$

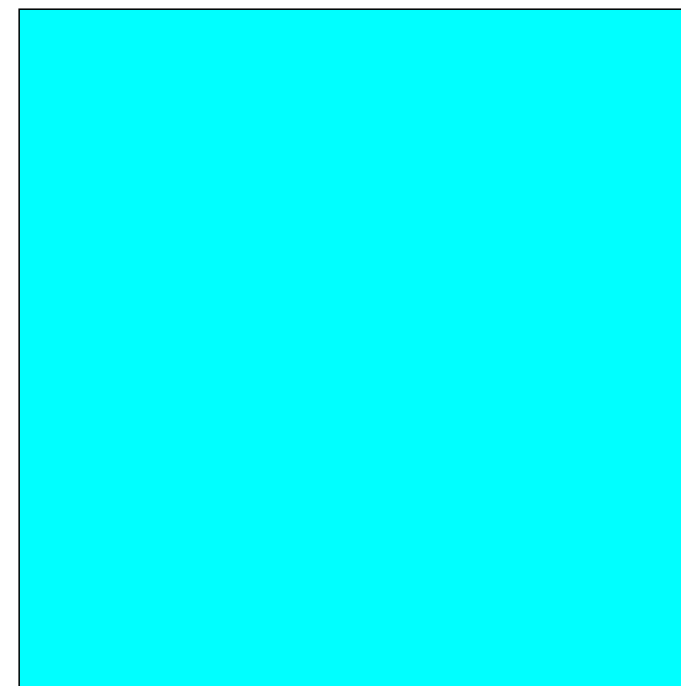
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
0.0 1.0 1.0
0 255 255
37.3 58.7 289.4

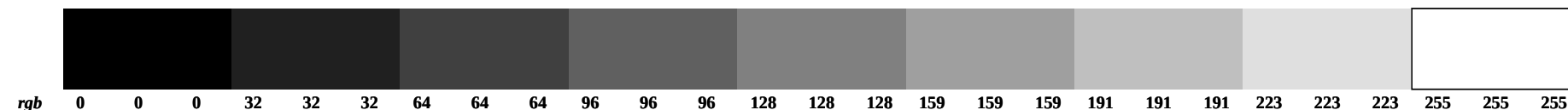
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
0.0 1.0 0.63 0.0 1.0 1.0
0 255 161 0 255 255
85.3 72.8 196.7 87.3 46.4 196.7
it-in: 107.0 107.0 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



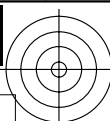
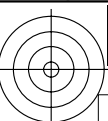
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 25/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input

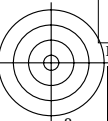
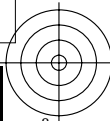




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 26/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
25	0.0 0.875 1.0	216.6 78.3 42.8 223.0 -31.2 -29.1	78.3 42.8 223.0 -31.2 -29.1	0.0 1.0 g55b c10v	0.0 0.903 1.0	0.0 0.903 1.0					
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
25	0.0 0.875 1.0	216.6 86.0 58.9 208.5 -51.7 -28.0	86.0 58.9 208.5 -51.7 -28.0	0.0 1.0 g41b c11v	0.0 1.0 0.845 0.0 1.0 0.845						



3 Colours no.
 $j=25$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
0.0 0.875 1.0
0 223 255
38.9 72.1 293.1

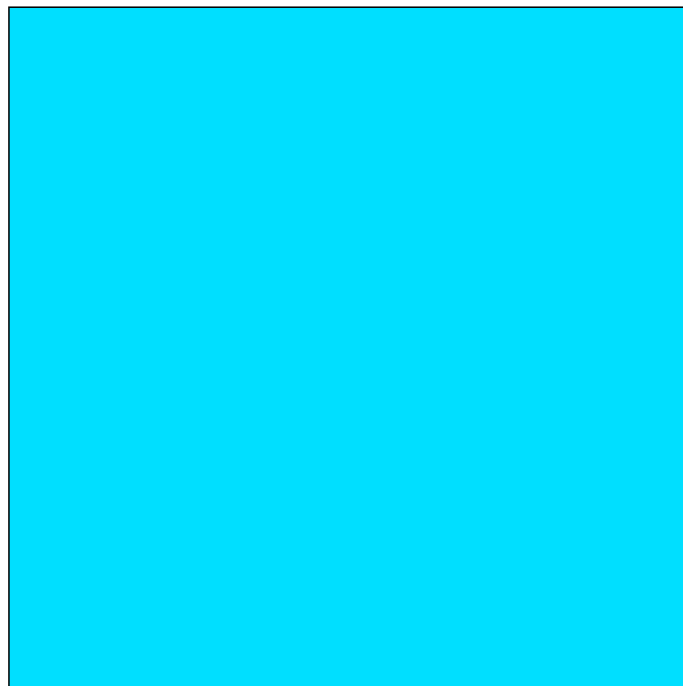
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
0.0 0.903 1.0 0.0 0.875 1.0
0 230 255 0 223 255
78.3 42.8 223.0 75.7 41.8 230.5
it-in: 80.5 80.5 3D-it: 6.2 6.2

3 Colours no.
 $j=25$

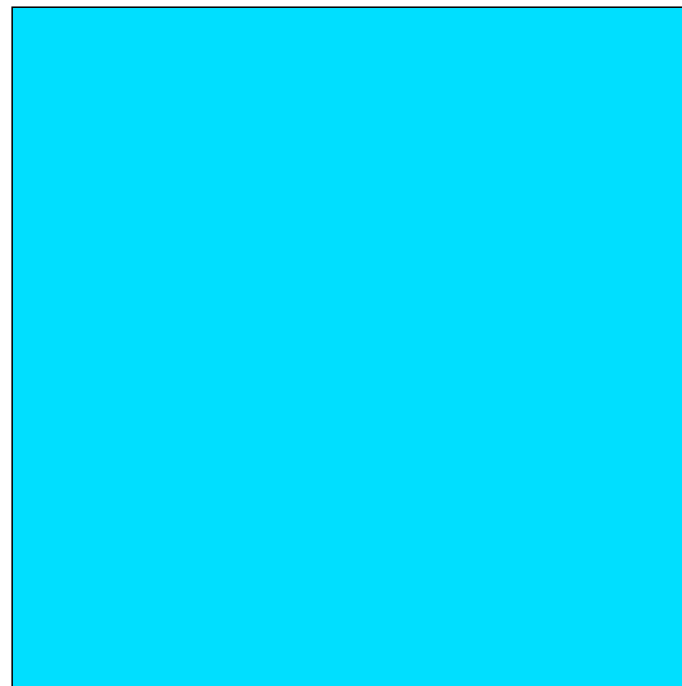
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
0.0 0.875 1.0
0 223 255
38.9 72.1 293.1

output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
0.0 1.0 0.845 0.0 0.875 1.0
0 255 215 0 223 255
86.0 58.9 208.5 75.7 41.8 230.5
it-in: 100.4 100.4 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



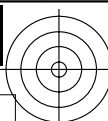
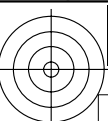
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 26/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

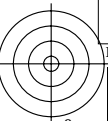
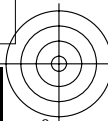




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 27/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
26	0.0 0.75 1.0	223.9 76.0 41.9	229.7 -27.0 -31.8	76.0 41.9 229.7 -27.0 -31.8	0.0	1.0	g61b	c12v		0.0 0.878 1.0	0.0 0.878 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
26	0.0 0.75 1.0	223.9 79.5 43.3	221.6 -32.3 -28.6	79.5 43.3 221.6 -32.3 -28.6	0.0	1.0	g54b	c23v		0.0 0.916 1.0	0.0 0.916 1.0

3 Colours no.
 $j=26$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
0.0 0.75 1.0
0 191 255
42.9 97.0 297.1

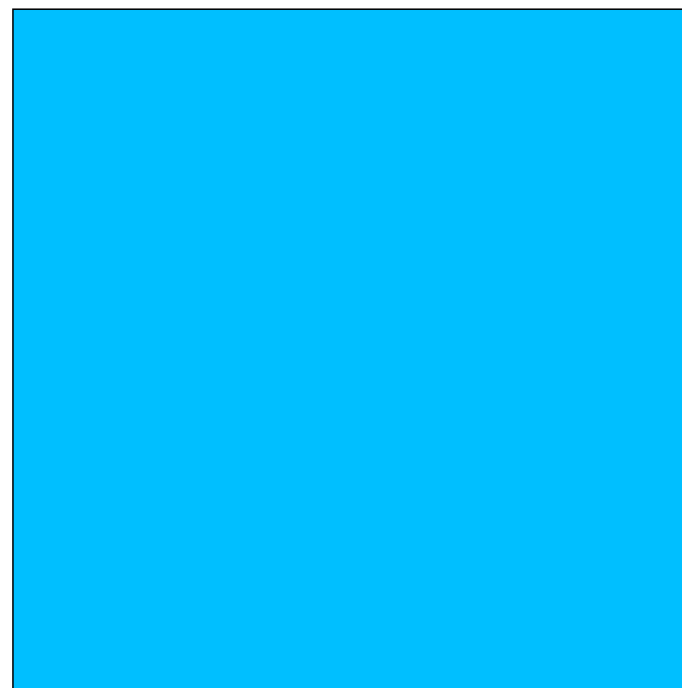
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
0.0 0.878 1.0 0.0 0.75 1.0
0 224 255 0 191 255
76.0 41.9 229.7 67.8 46.9 254.3
it-in: 95.6 95.6 3D-it: 21.2 21.2

3 Colours no.
 $j=26$

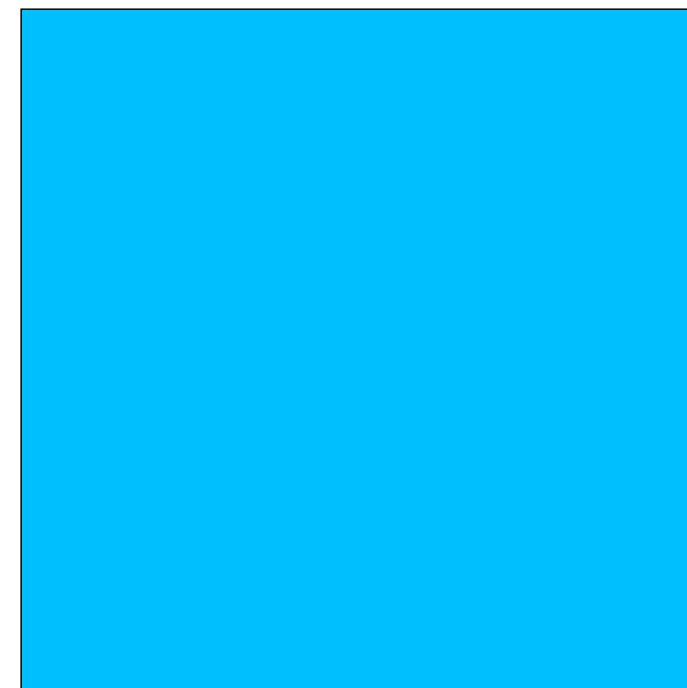
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
0.0 0.75 1.0
0 191 255
42.9 97.0 297.1

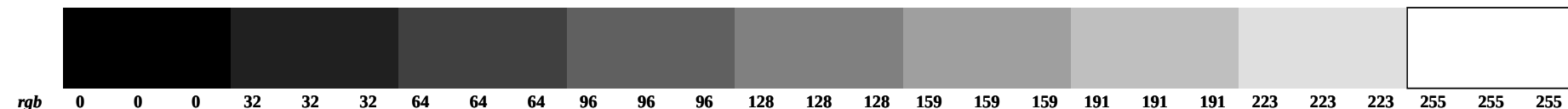
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
0.0 0.916 1.0 0.0 0.75 1.0
0 234 255 0 191 255
79.5 43.3 221.6 67.8 46.9 254.3
it-in: 102.6 102.6 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



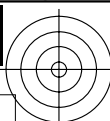
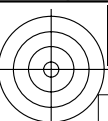
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 27/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

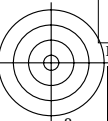
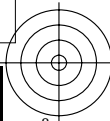




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmeterik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 28/48

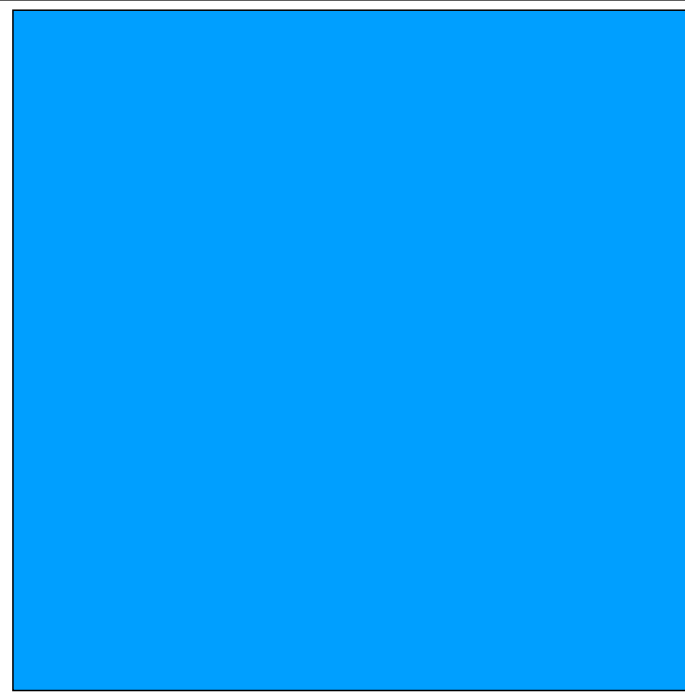
n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
27	0.0 0.625 1.0	231.8 73.6 43.1 236.9 -23.5 -36.0	73.6 43.1 236.9 -23.5 -36.0	0.0 1.0 g68b c16v	0.0 0.842 1.0	0.0 0.842 1.0					
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
27	0.0 0.625 1.0	231.8 62.8 53.7 235.7 -30.2 -44.3	62.8 53.7 235.7 -30.2 -44.3	0.0 1.0 g67b c36v	0.0 0.658 1.0	0.0 0.658 1.0					

3 Colours no.
j=27

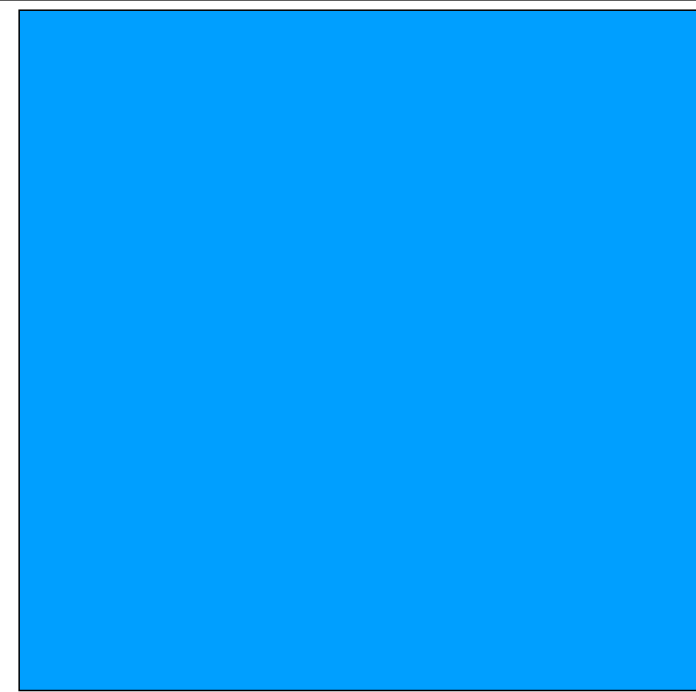
rgb input (in):	output of the elementary colour e:
rgb^*_{Fa}	linear interpolation (it): 3D interpolation (3D):
$rgb^*_{Fa, 8bit}$	0.0 0.842 1.0 0.0 0.625 1.0
L^*, C^*_{ab}, h_{ab}	0 159 255 0 215 255 0 159 255
$\Delta E^*_{ab}, \Delta E^*_m$	40.6 50.2 138.8 73.6 43.1 236.9 61.0 56.2 270.7
	it-in: 77.9 77.9 3D-it: 33.9 33.9

3 Colours no.
j=27

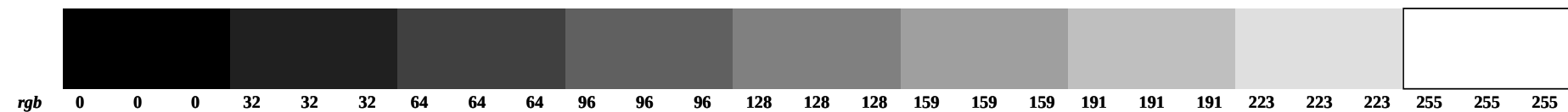
rgb input (in):	output of the device colour d:
rgb^*_{Fa}	linear interpolation (it): 3D interpolation (3D):
$rgb^*_{Fa, 8bit}$	0.0 0.658 1.0 0.0 0.625 1.0
L^*, C^*_{ab}, h_{ab}	0 159 255 0 168 255 0 159 255
$\Delta E^*_{ab}, \Delta E^*_m$	40.6 50.2 138.8 62.8 53.7 235.7 61.0 56.2 270.7
	it-in: 80.9 80.9 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



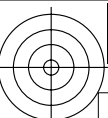
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



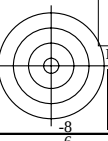
TUB-test chart KE98; Colorimetric systems, Page 28/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

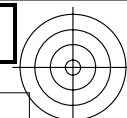




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF/.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

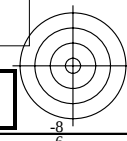


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF/.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 29/48



TUB registration: 20100801-KE98/KE98L0NP.PDF/.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
28	0.0 0.5 1.0	240.0	71.1 44.7 244.4 -19.3 -40.2	71.1 44.7 244.4 -19.3 -40.2	0.0	1.0	g75b	c20v		0.0 0.802 1.0	0.0 0.802 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
28	0.0 0.5 1.0	240.0	49.6 79.8 250.4 -26.7 -75.1	49.6 79.8 250.4 -26.7 -75.1	0.0	1.0	g80b	c50v		0.0 0.39 1.0	0.0 0.39 1.0

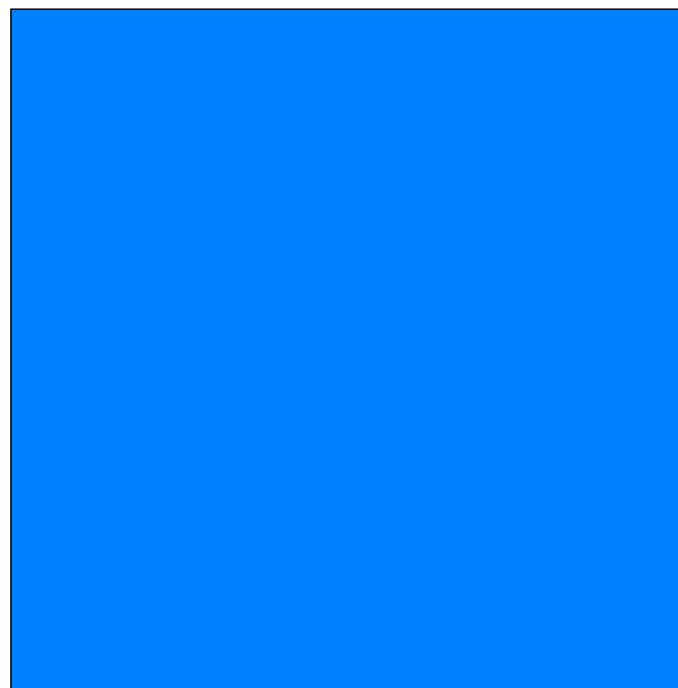


3 Colours no.
 $j=28$

rgb input (in):	output of the elementary colour e :
$0.0 \ 0.5 \ 1.0$	linear interpolation (it): 3D interpolation (3D):
$0 \ 128 \ 255$	$0.0 \ 0.802 \ 1.0$
$0 \ 128 \ 255$	$0 \ 205 \ 255$
$0 \ 128 \ 255$	$0 \ 128 \ 255$
L^*, C^*_{ab}, h_{ab}	$40.8 \ 41.0 \ 147.1$
$\Delta E^*_{ab}, \Delta E^*_{m}$	$71.1 \ 44.7 \ 244.4 \ 55.0 \ 67.7 \ 281.8$
	it-in: 71.1 71.1 3D-it: 45.1 45.1

3 Colours no.
 $j=28$

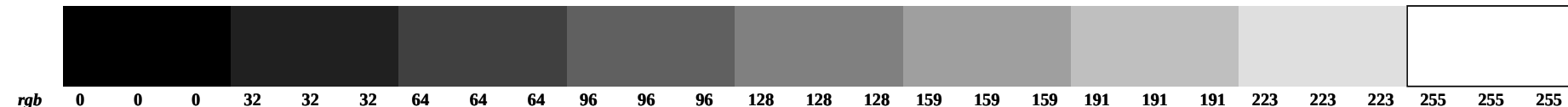
rgb input (in):	output of the device colour d :
$0.0 \ 0.5 \ 1.0$	linear interpolation (it): 3D interpolation (3D):
$0 \ 128 \ 255$	$0.0 \ 0.39 \ 1.0$
$0 \ 128 \ 255$	$0 \ 99 \ 255$
$0 \ 128 \ 255$	$0 \ 128 \ 255$
L^*, C^*_{ab}, h_{ab}	$40.8 \ 41.0 \ 147.1$
$\Delta E^*_{ab}, \Delta E^*_{m}$	$49.6 \ 79.8 \ 250.4 \ 55.0 \ 67.7 \ 281.8$
	it-in: 98.1 98.1 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



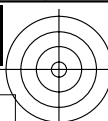
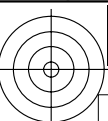
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 29/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input

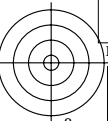
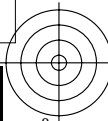




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 30/48

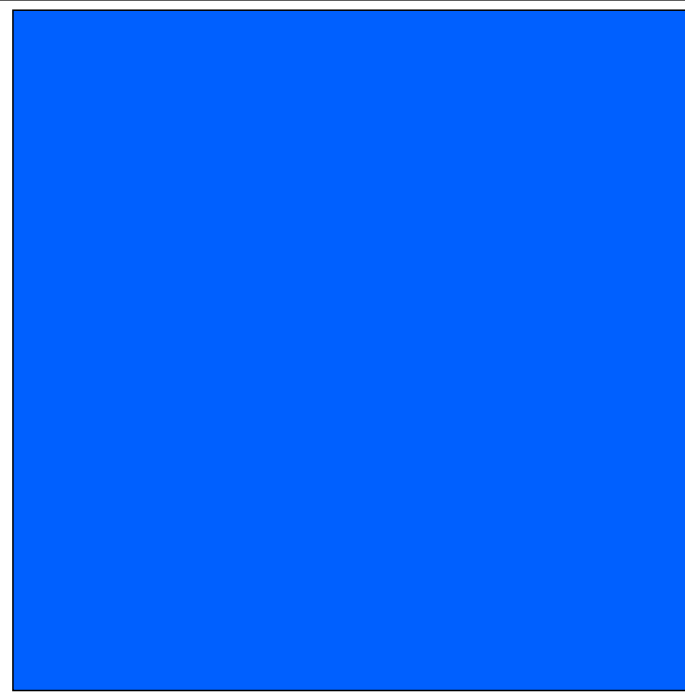
n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
29	0.0 0.375 1.0	248.2 68.6 46.4 251.9 -14.3 -44.0	68.6 46.4 251.9 -14.3 -44.0	0.0 1.0 g81b c24v	0.0 0.763 1.0	0.0 0.763 1.0					
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
29	0.0 0.375 1.0	248.2 37.1 113.6 265.1 -9.6 -113.1	37.1 113.6 265.1 -9.6 -113.1	0.0 1.0 g93b c64v	0.0 0.121 1.0	0.0 0.121 1.0					

3 Colours no.
j=29

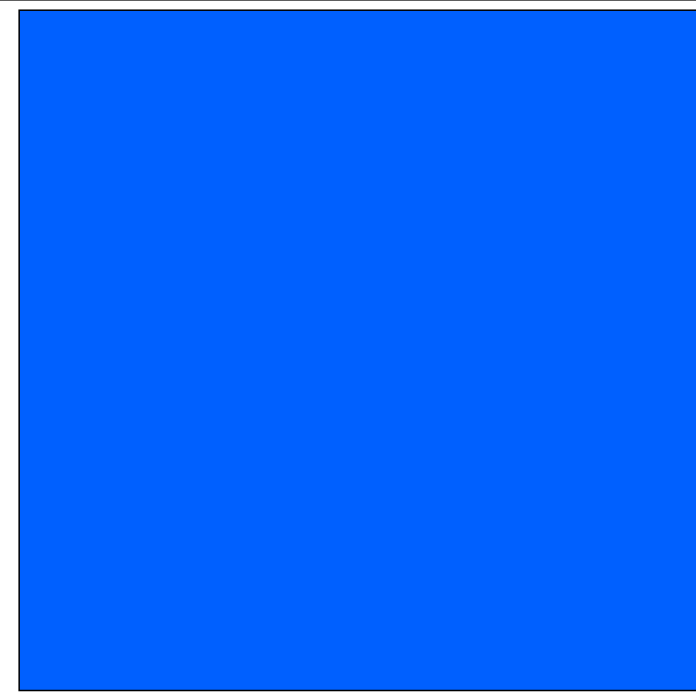
rgb input (in):	output of the elementary colour e:
rgb^*_{Fa}	linear interpolation (it): 3D interpolation (3D):
$rgb^*_{Fa, 8bit}$	0.0 0.763 1.0 0.0 0.375 1.0
L^*, C^*_{ab}, h_{ab}	0 96 255 0 195 255 0 96 255
$\Delta E^*_{ab}, \Delta E^*_{m}$	41.3 27.3 171.8 68.6 46.4 251.9 48.8 81.5 290.4
	it-in: 56.6 56.6 3D-it: 57.2 57.2

3 Colours no.
j=29

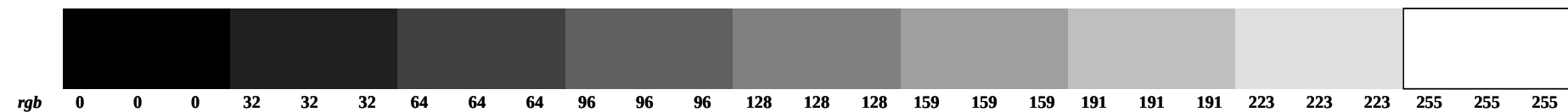
rgb input (in):	output of the device colour d:
olv^*_{Fa}	linear interpolation (it): 3D interpolation (3D):
$olv^*_{Fa, 8bit}$	0.0 0.121 1.0 0.0 0.375 1.0
L^*, C^*_{ab}, h_{ab}	0 31 255 0 96 255 0 96 255
$\Delta E^*_{ab}, \Delta E^*_{m}$	41.3 27.3 171.8 37.1 113.6 265.1 48.8 81.5 290.4
	it-in: 118.4 118.4 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



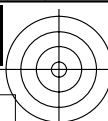
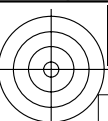
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 30/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^* / olv^* \text{ setrgbcolor}$
output: no change compared to input

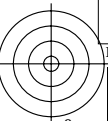
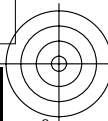




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 31/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
30	0.0 0.25 1.0	256.1 65.8 49.6 259.1 -9.3 -48.6	65.8 49.6 259.1 -9.3 -48.6	0.0 1.0 g88b c29v	0.0 0.714 1.0	0.0 0.714 1.0					
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
30	0.0 0.25 1.0	256.1 35.6 120.1 279.2 19.2 -118.5	35.6 120.1 279.2 19.2 -118.5	0.0 1.0 b06r c77v	0.131 0.0 1.0	0.131 0.0 1.0					

3 Colours no.
 $j=30$

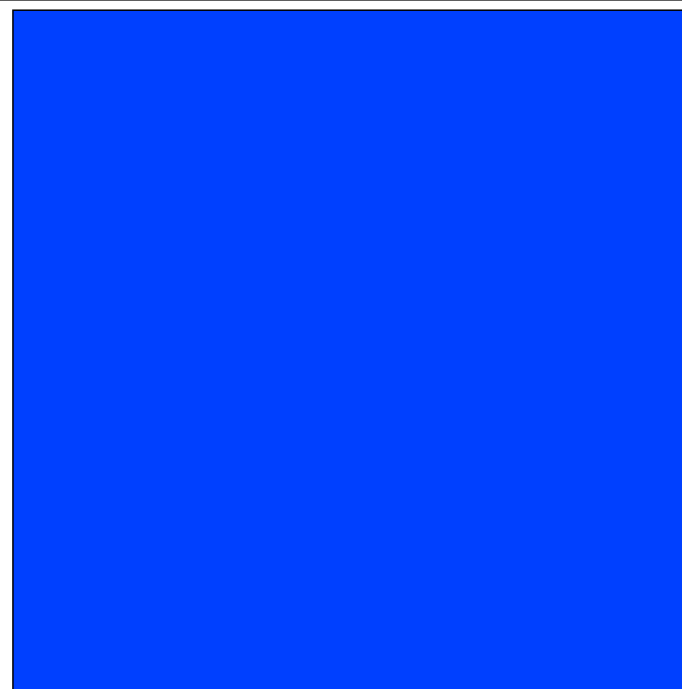
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			linear interpolation (it):			3D interpolation (3D):		
0.0	0.25	1.0	0.0	0.714	1.0	0.0	0.25	1.0
0	64	255	0	182	255	0	64	255
41.8	22.2	206.6	65.8	49.6	259.1	42.9	97.0	297.1
it-in:			46.7	46.7	3D-it:	69.4	69.4	

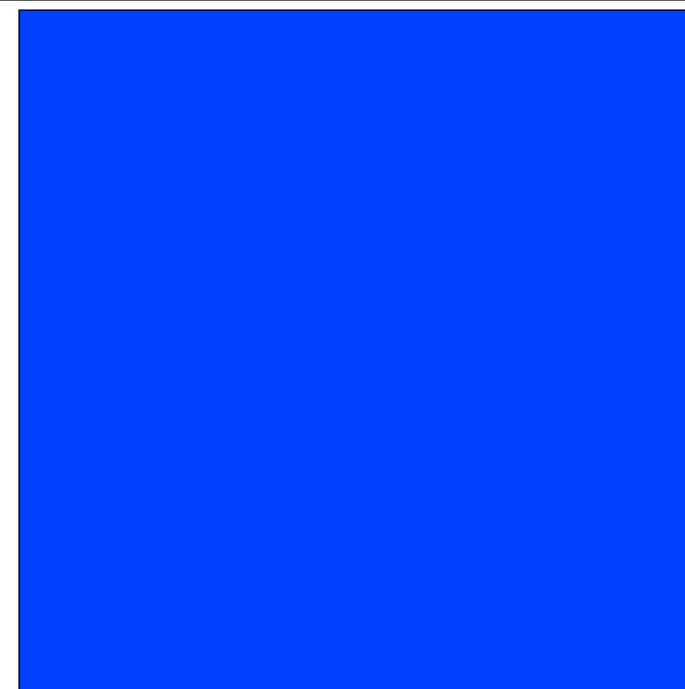
3 Colours no.
 $j=30$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			linear interpolation (it):			3D interpolation (3D):		
0.0	0.25	1.0	0.131	0.0	1.0	0.0	0.25	1.0
0	64	255	33	0	255	0	64	255
41.8	22.2	206.6	35.6	120.1	279.2	42.9	97.0	297.1
it-in:			115.6	115.6	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



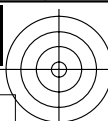
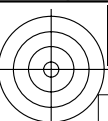
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 31/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

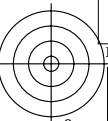
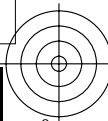




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 32/48



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
31	0.0 0.125 1.0	263.4 63.1 53.4 265.7 -3.9 -53.1	63.1 53.4 265.7 -3.9 -53.1	0.0 1.0 g94b c34v	0.0 0.663 1.0	0.0 0.663 1.0					
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
31	0.0 0.125 1.0	263.4 39.4 116.7 292.3 44.3 -107.9	39.4 116.7 292.3 44.3 -107.9	0.0 1.0 b18r c89v	0.361 0.0 1.0	0.361 0.0 1.0					

3 Colours no.
 $j=31$

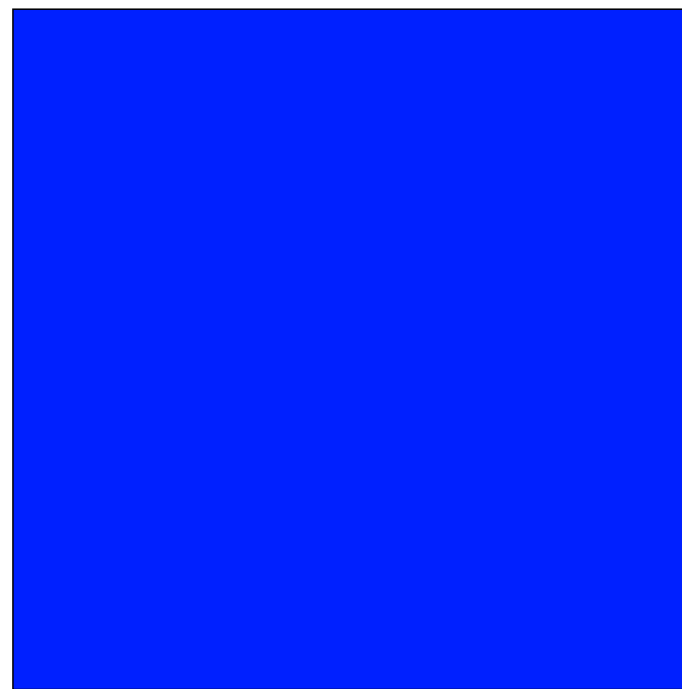
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the elementary colour e :	3D interpolation (3D):
0.0 0.125 1.0	linear interpolation (it):	0.0 0.125 1.0
0 32 255	0 169 255	0 32 255
42.6 25.4 241.6	63.1 53.4 265.7	37.2 113.4 302.1
it-in: 37.9 37.9	3D-it: 81.4 81.4	

3 Colours no.
 $j=31$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

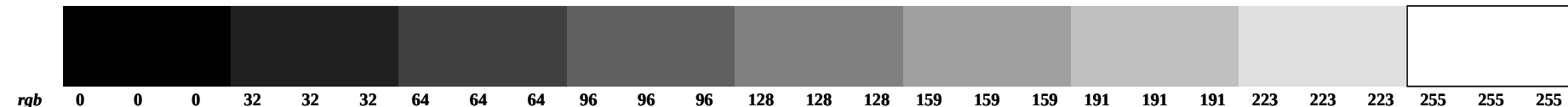
rgb input (in):	output of the device colour d :	3D interpolation (3D):
0.0 0.125 1.0	linear interpolation (it):	0.0 0.125 1.0
0 32 255	92 0 255	0 32 255
42.6 25.4 241.6	39.4 116.7 292.3	37.2 113.4 302.1
it-in: 102.5 102.5	3D-in: 0.0 0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



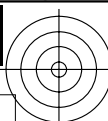
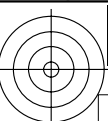
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 32/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

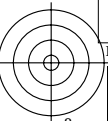
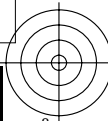




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmeterik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 33/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
32	0.0 0.0 1.0	270.0 60.5 57.3 271.7 1.7 -57.2	60.5 57.3 271.7 1.7 -57.2	0.0 1.0 b00r c39v	0.0 0.613 1.0 0.0 0.613 1.0						
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
32	0.0 0.0 1.0	270.0 44.2 113.3 304.1 63.5 -93.8	44.2 113.3 304.1 63.5 -93.8	0.0 1.0 b28r v00m	0.568 0.0 1.0 0.568 0.0 1.0						

3 Colours no.
 $j=32$

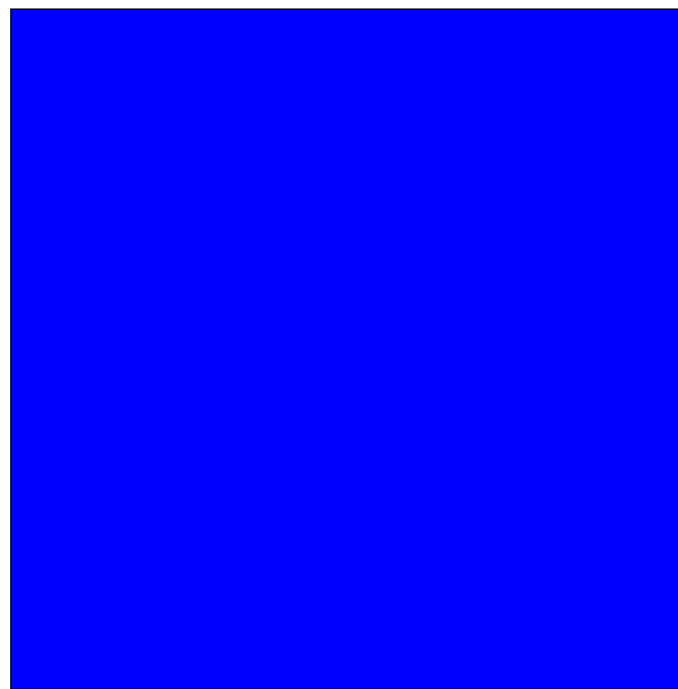
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
linear interpolation (it):								
0.0	0.0	1.0	0.0	0.613	1.0	0.0	0.0	1.0
0	0	255	0	156	255	0	0	255
43.4	33.6	262.2	60.5	57.3	271.7	34.7	121.0	304.1
it-in:			30.2	30.2	3D-it:	82.9	82.9	

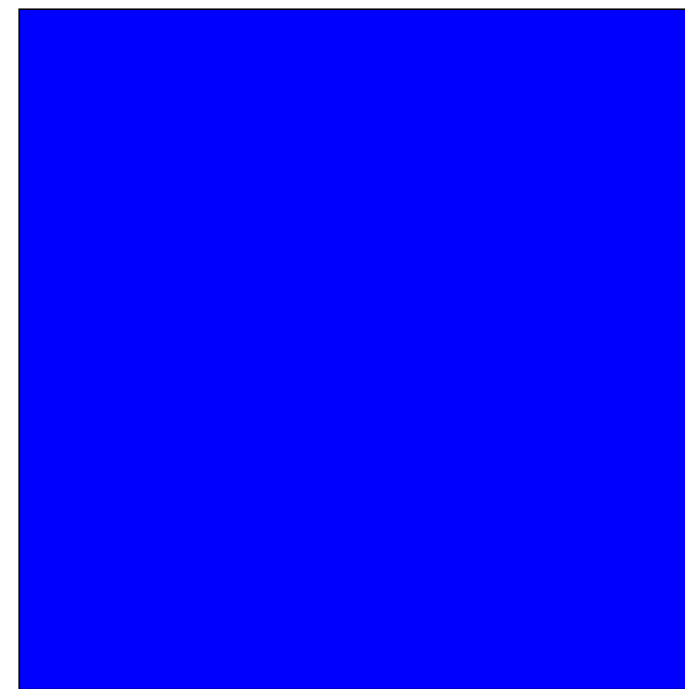
3 Colours no.
 $j=32$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the device colour d:			3D interpolation (3D):		
linear interpolation (it):								
0.0	0.0	1.0	0.568	0.0	1.0	0.0	0.0	1.0
0	0	255	145	0	255	0	0	255
43.4	33.6	262.2	44.2	113.3	304.1	34.7	121.0	304.1
it-in:			91.1	91.1	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



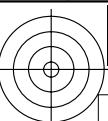
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



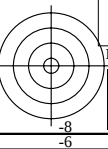
TUB-test chart KE98; Colorimetric systems, Page 33/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

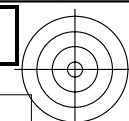




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

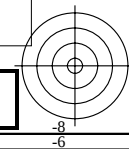


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> /.PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 34/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
33	0.125 0.0 1.0	276.6	57.1 63.7 278.0 8.9 -63.0	57.1 63.7 278.0 8.9 -63.0	0.0	1.0	b05r	c46v		0.0 0.543 1.0	0.0 0.543 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
33	0.125 0.0 1.0	276.6	45.2 112.7 306.5 67.1 -90.4	45.2 112.7 306.5 67.1 -90.4	0.0	1.0	b30r	v11m		0.612 0.0 1.0	0.612 0.0 1.0

3 Colours no.
 $j=33$

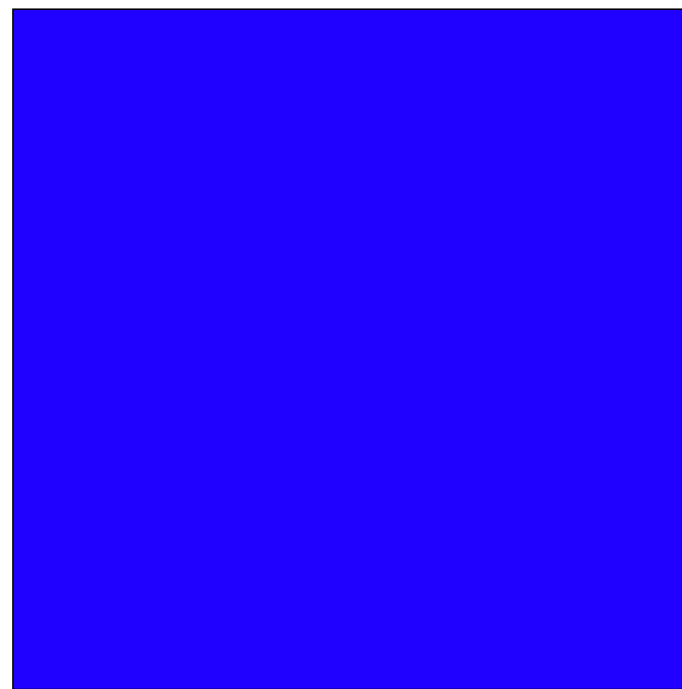
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):			linear interpolation (it):			3D interpolation (3D):		
0.125	0.0	1.0	0.0	0.543	1.0	0.125	0.0	1.0
32	0	255	0	138	255	32	0	255
44.3	43.9	274.2	57.1	63.7	278.0	35.5	120.2	304.7
it-in:			23.8	23.8	3D-it:	72.8	72.8	

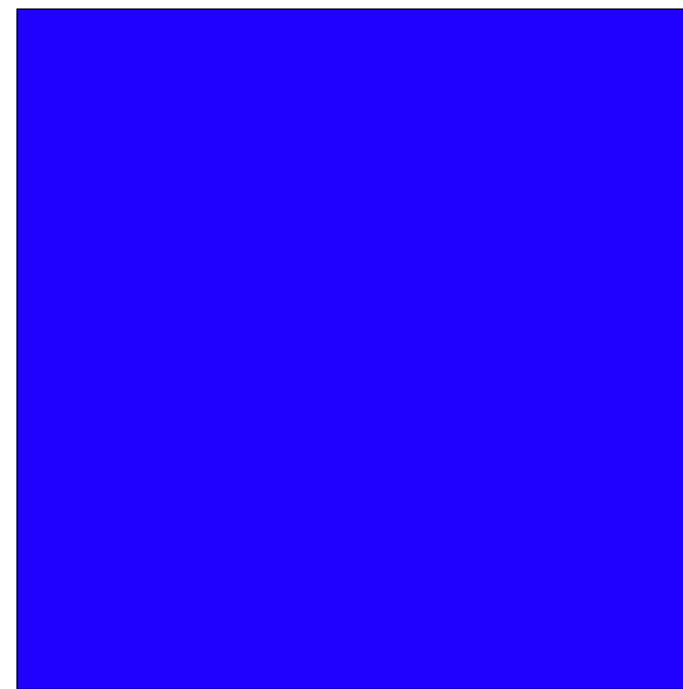
3 Colours no.
 $j=33$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

<i>rgb</i> input (in):			linear interpolation (it):			3D interpolation (3D):		
0.125	0.0	1.0	0.612	0.0	1.0	0.125	0.0	1.0
32	0	255	156	0	255	32	0	255
44.3	43.9	274.2	45.2	112.7	306.5	35.5	120.2	304.7
it-in:			79.2	79.2	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation

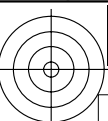


KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48

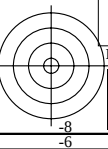
TUB-test chart KE98; Colorimetric systems, Page 34/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

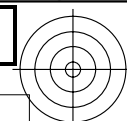




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

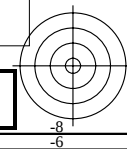


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 35/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
34	0.25 0.0 1.0	283.9	52.8 72.7 284.9 18.7 -70.1	52.8 72.7 284.9 18.7 -70.1	0.0	1.0	b11r	c55v		0.0 0.455 1.0	0.0 0.455 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
34	0.25 0.0 1.0	283.9	46.5 112.0 309.3 70.9 -86.5	46.5 112.0 309.3 70.9 -86.5	0.0	1.0	b32r	v23m		0.66 0.0 1.0	0.66 0.0 1.0

3 Colours no.
 $j=34$

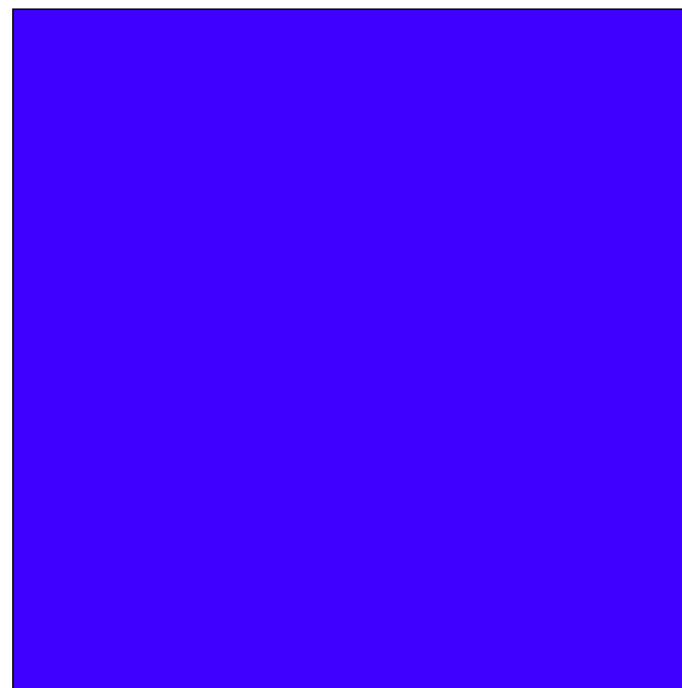
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the elementary colour e :			linear interpolation (it):			3D interpolation (3D):		
0.25 0.0 1.0	0.0	0.455	1.0	0.0	0.455	1.0	0.25	0.0	1.0
64 0 255	0	116	255	64	0	255	64	0	255
45.6 56.4 283.1	52.8	72.7	284.9	37.4	118.5	306.3			
it-in:			17.9	17.9	3D-it:	59.3	59.3		

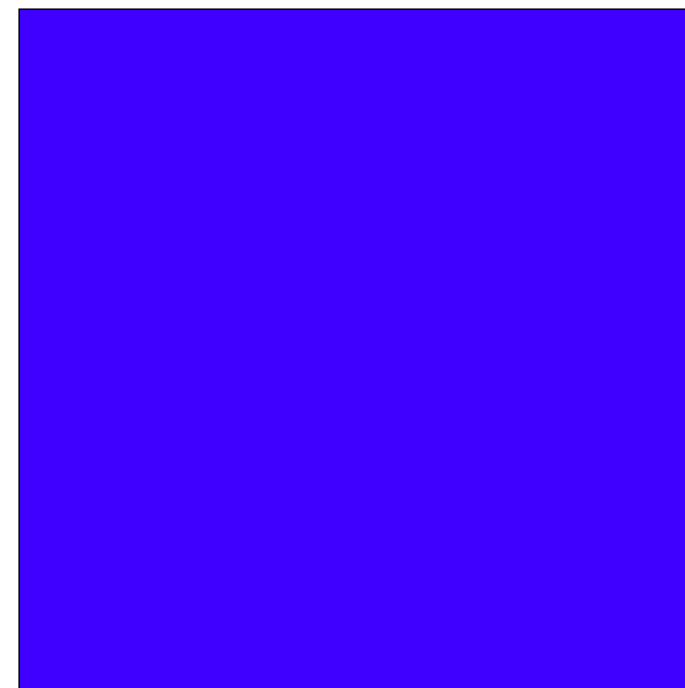
3 Colours no.
 $j=34$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):	output of the device colour d :			linear interpolation (it):			3D interpolation (3D):		
0.25 0.0 1.0	0.66	0.0	1.0	0.25	0.0	1.0	0.25	0.0	1.0
64 0 255	168	0	255	64	0	255	64	0	255
45.6 56.4 283.1	46.5	112.0	309.3	37.4	118.5	306.3			
it-in:			66.2	66.2	3D-in:	0.0	0.0		



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



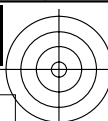
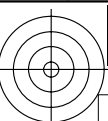
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 35/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

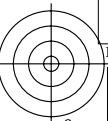
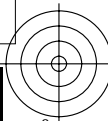




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> / .PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF / .PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> / .PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 36/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
35	0.375 0.0 1.0	291.8 47.0 86.1 292.4 32.8 -79.5	47.0 86.1 292.4 32.8 -79.5	0.0 1.0 b18r c66v	0.0	0.337	1.0	0.0	0.337	1.0	
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
35	0.375 0.0 1.0	291.8 48.0 111.1 312.3 74.7 -82.1	48.0 111.1 312.3 74.7 -82.1	0.0 1.0 b35r v36m	0.713	0.0	1.0	0.713	0.0	1.0	

3 Colours no.
 $j=35$

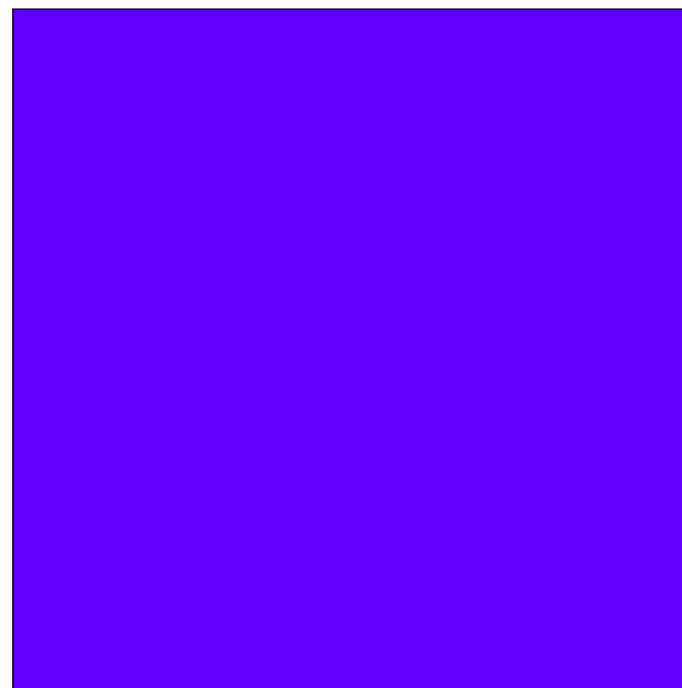
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
linear interpolation (it):								
0.375	0.0	1.0	0.0	0.337	1.0	0.375	0.0	1.0
96	0	255	0	86	255	96	0	255
48.8	81.5	290.4	47.0	86.1	292.4	39.7	116.5	308.2
it-in: 5.8 5.8			3D-it: 41.6 41.6					

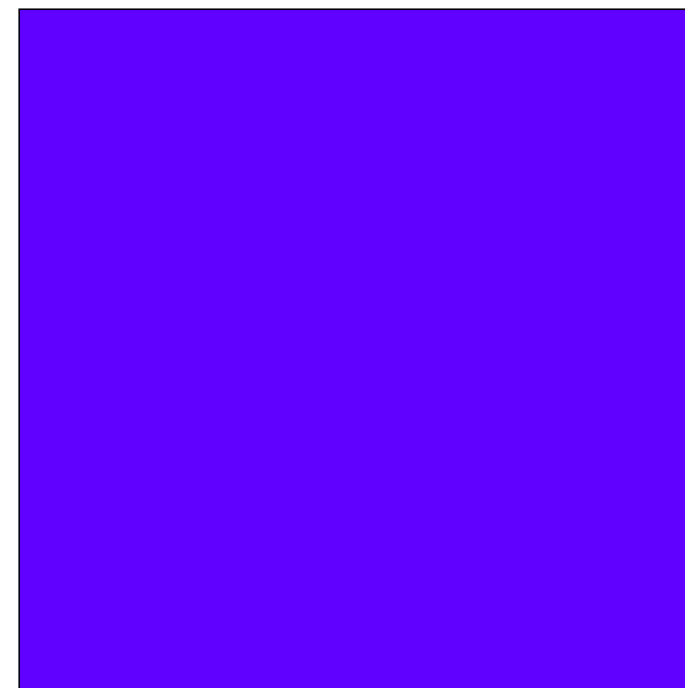
3 Colours no.
 $j=35$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):			output of the device colour d:			3D interpolation (3D):		
linear interpolation (it):								
0.375	0.0	1.0	0.713	0.0	1.0	0.375	0.0	1.0
96	0	255	182	0	255	96	0	255
48.8	81.5	290.4	48.0	111.1	312.3	39.7	116.5	308.2
it-in: 46.7 46.7			3D-in: 0.0 0.0					



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



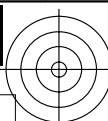
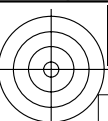
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 36/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

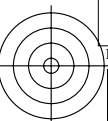
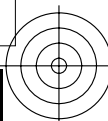




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 37/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
36	0.5 0.0 1.0	300.0	39.4 107.0 300.2 53.8 -92.4	39.4 107.0 300.2 53.8 -92.4	0.0	1.0	b25r	c83v		0.0 0.173 1.0	0.0 0.173 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
36	0.5 0.0 1.0	300.0	49.6 110.4 315.3 78.5 -77.5	49.6 110.4 315.3 78.5 -77.5	0.0	1.0	b38r	v50m		0.767 0.0 1.0	0.767 0.0 1.0

3 Colours no.
 $j=36$

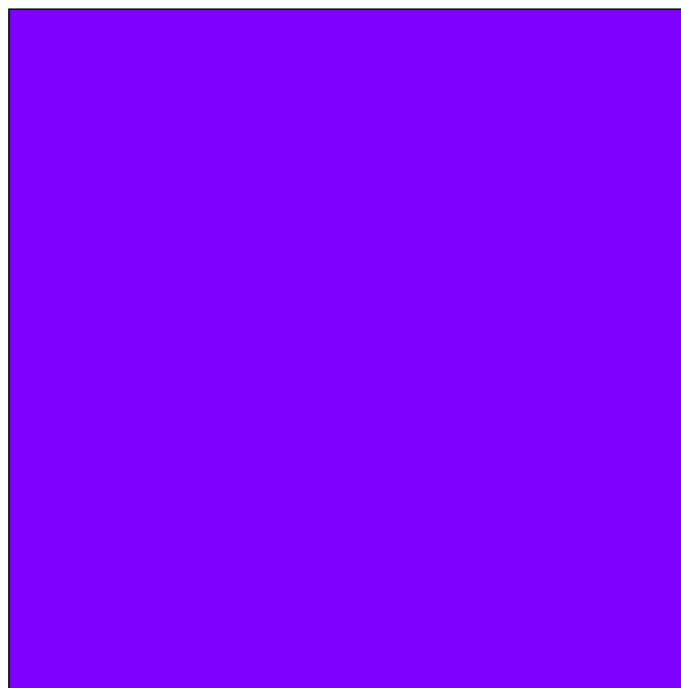
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
linear interpolation (it):								
0.5	0.0	1.0	0.0	0.173	1.0	0.5	0.0	1.0
128	0	255	0	44	255	128	0	255
48.3	63.6	137.4	39.4	107.0	300.2	42.5	114.2	310.7
it-in:			169.0	169.0	3D-it:	21.7	21.7	

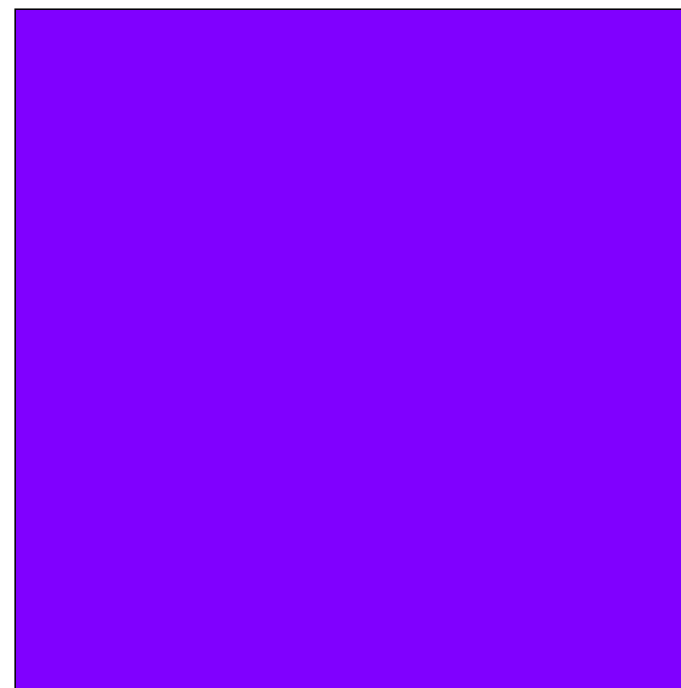
3 Colours no.
 $j=36$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

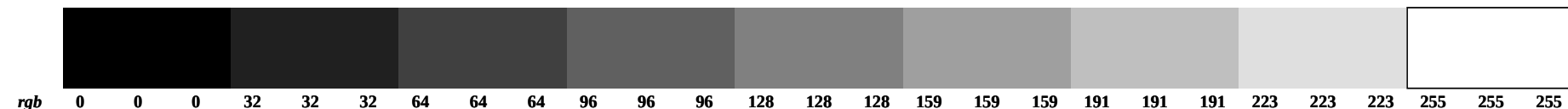
rgb input (in):			output of the device colour d:			3D interpolation (3D):		
linear interpolation (it):								
0.5	0.0	1.0	0.767	0.0	1.0	0.5	0.0	1.0
128	0	255	196	0	255	128	0	255
48.3	63.6	137.4	49.6	110.4	315.3	42.5	114.2	310.7
it-in:			173.9	173.9	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



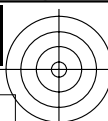
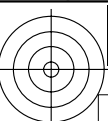
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



TUB-test chart KE98; Colorimetric systems, Page 37/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input

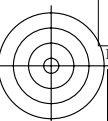
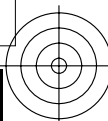




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



<http://130.149.60.45/~farbmeterik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 38/48

n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
37	0.625 0.0 1.0	308.2	39.4 116.7 308.0 71.8 -91.9	39.4 116.7 308.0 71.8 -91.9	0.0	1.0	b31r	v36m		0.358 0.0 1.0	0.358 0.0 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
37	0.625 0.0 1.0	308.2	51.3 109.8 318.4 82.1 -72.7	51.3 109.8 318.4 82.1 -72.7	0.0	1.0	b40r	v64m		0.821 0.0 1.0	0.821 0.0 1.0

3 Colours no.
 $j=37$

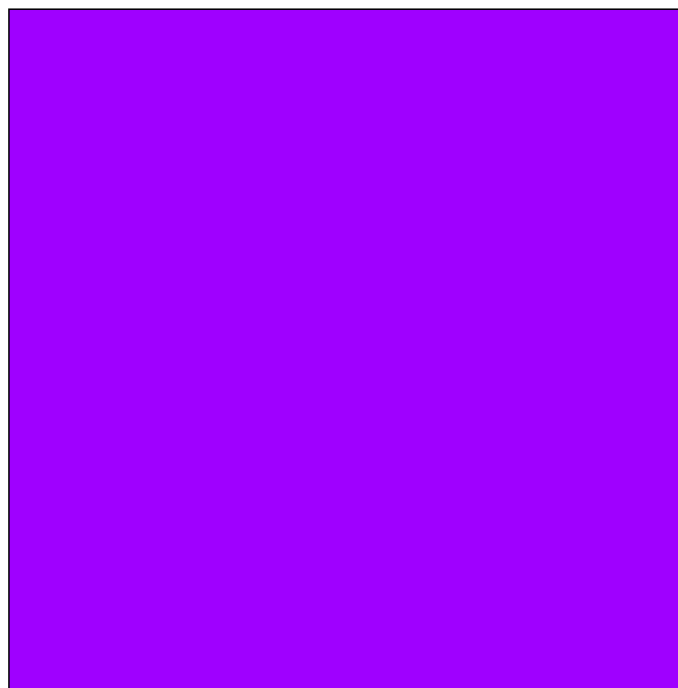
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
linear interpolation (it):								
0.625	0.0	1.0	0.358	0.0	1.0	0.625	0.0	1.0
159	0	255	91	0	255	159	0	255
48.5	55.2	143.2	39.4	116.7	308.0	45.5	112.5	313.5
it-in:			170.9	170.9	3D-it:	13.3	13.3	

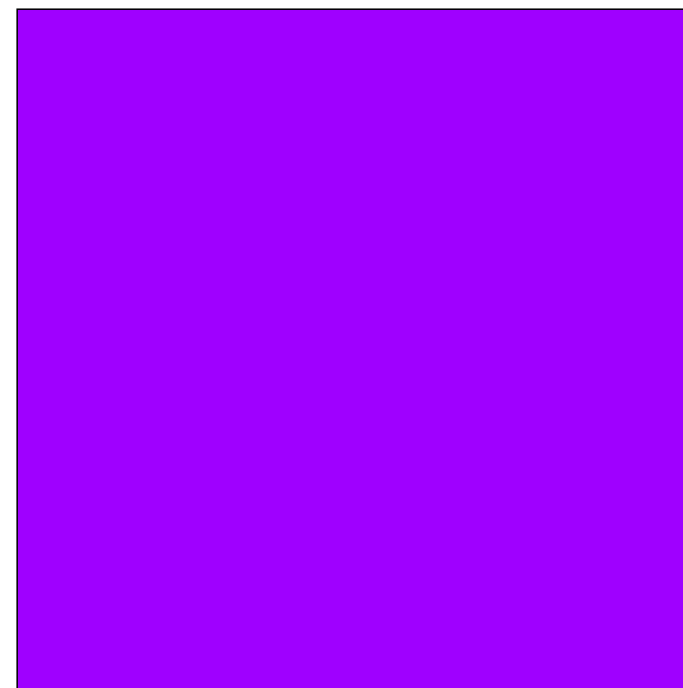
3 Colours no.
 $j=37$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):			output of the device colour d:			3D interpolation (3D):		
linear interpolation (it):								
0.625	0.0	1.0	0.821	0.0	1.0	0.625	0.0	1.0
159	0	255	209	0	255	159	0	255
48.5	55.2	143.2	51.3	109.8	318.4	45.5	112.5	313.5
it-in:			164.9	164.9	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



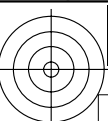
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



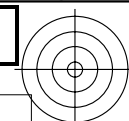
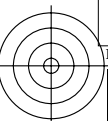
TUB-test chart KE98; Colorimetric systems, Page 38/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input



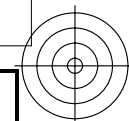


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
38	0.75 0.0 1.0	316.1	47.5 111.4 315.4 79.4 -78.1	47.5 111.4 315.4 79.4 -78.1	0.0	1.0	b38r	v70m		0.696 0.0 1.0	0.696 0.0 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
38	0.75 0.0 1.0	316.1	52.9 109.2 321.4 85.4 -68.0	52.9 109.2 321.4 85.4 -68.0	0.0	1.0	b43r	v77m		0.873 0.0 1.0	0.873 0.0 1.0

3 Colours no.
 $j=38$

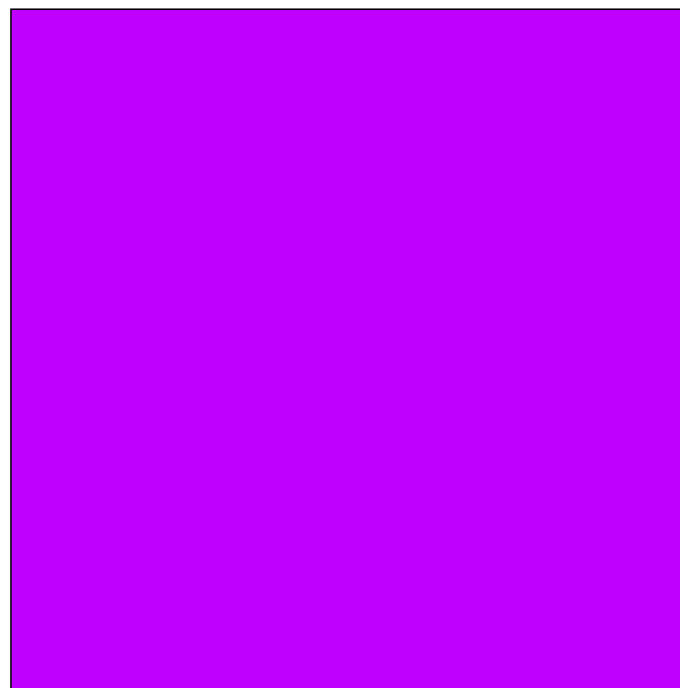
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
linear interpolation (it):								
0.75	0.0	1.0	0.696	0.0	1.0	0.75	0.0	1.0
191	0	255	178	0	255	191	0	255
48.9	41.2	157.9	47.5	111.4	315.4	49.0	110.5	316.9
it-in:			150.3	150.3	3D-it:	3.3	3.3	

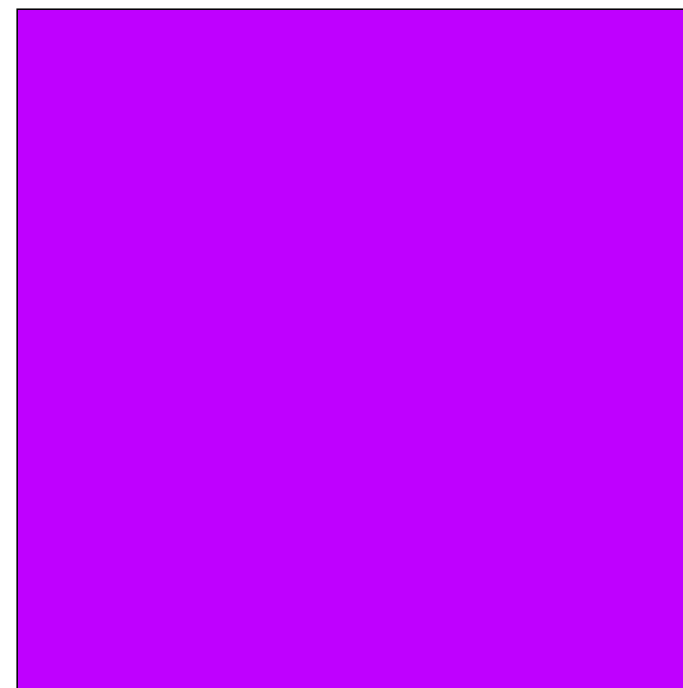
3 Colours no.
 $j=38$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

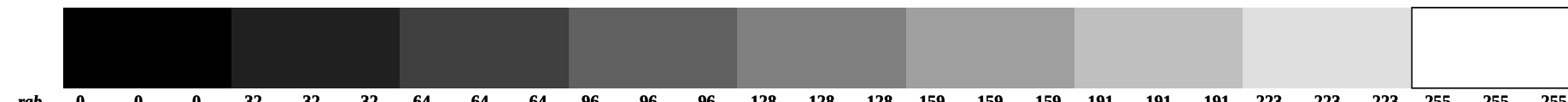
rgb input (in):			output of the device colour d:			3D interpolation (3D):		
linear interpolation (it):								
0.75	0.0	1.0	0.873	0.0	1.0	0.75	0.0	1.0
191	0	255	223	0	255	191	0	255
48.9	41.2	157.9	52.9	109.2	321.4	49.0	110.5	316.9
it-in:			149.3	149.3	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



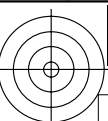
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



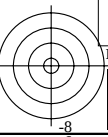
TUB-test chart KE98; Colorimetric systems, Page 39/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input

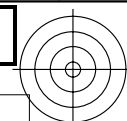




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

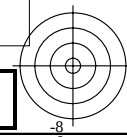


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 40/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
39	0.875 0.0 1.0	323.4	54.4 109.0 322.4 86.3 -66.5	54.4 109.0 322.4 86.3 -66.5	0.0	1.0	b44r	v91m		0.907 0.0 1.0	0.907 0.0 1.0
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
39	0.875 0.0 1.0	323.4	55.0 108.9 324.1 88.3 -63.7	55.0 108.9 324.1 88.3 -63.7	0.0	1.0	b45r	v89m		0.922 0.0 1.0	0.922 0.0 1.0

3 Colours no.
 $j=39$

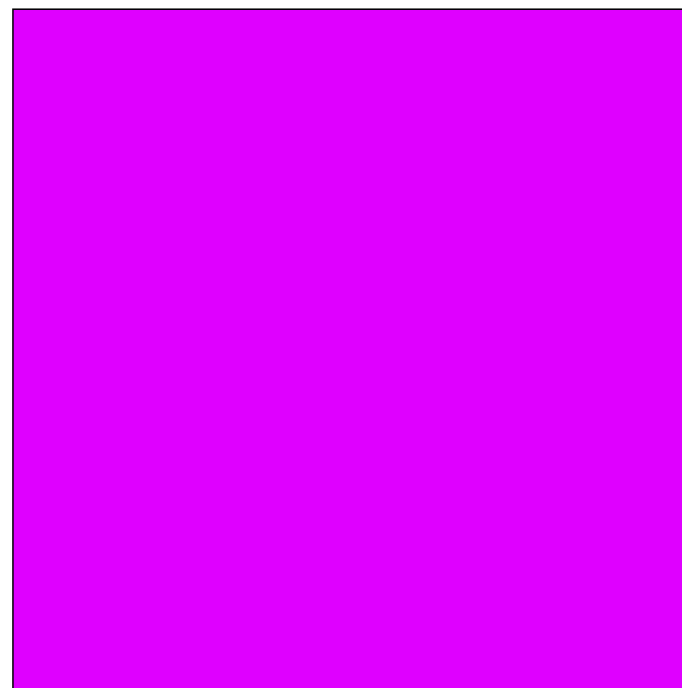
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):	output of the elementary colour e :
0.875 0.0 1.0	linear interpolation (it): 3D interpolation (3D):
223 0 255	0.907 0.0 1.0 0.875 0.0 1.0
49.3 31.9 176.9	231 0 255 223 0 255
54.4 109.0 322.4	53.0 109.2 320.9
it-in: 136.6 136.6	3D-it: 3.2 3.2

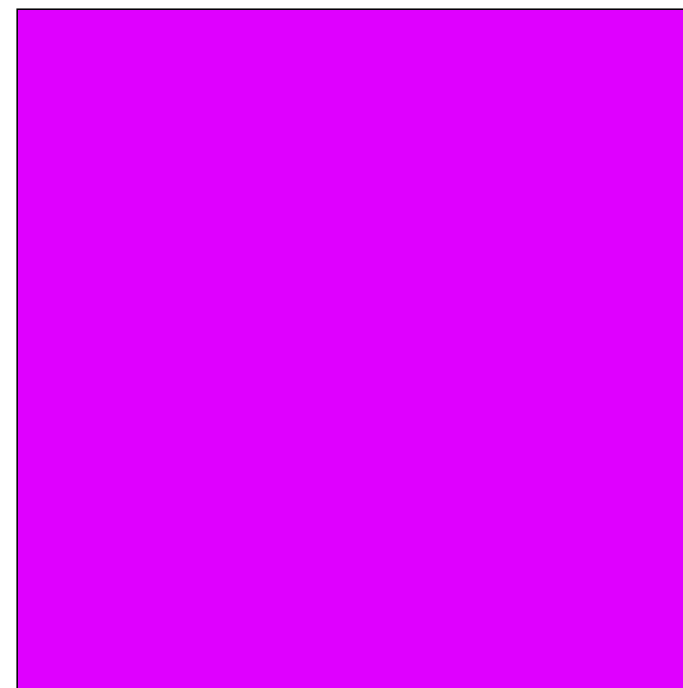
3 Colours no.
 $j=39$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

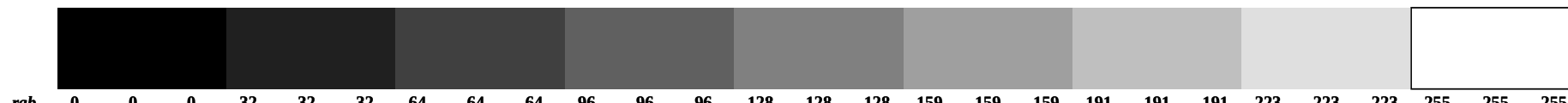
rgb input (in):	output of the device colour d :
0.875 0.0 1.0	linear interpolation (it): 3D interpolation (3D):
223 0 255	0.922 0.0 1.0 0.875 0.0 1.0
49.3 31.9 176.9	235 0 255 223 0 255
55.0 108.9 324.1	53.0 109.2 320.9
it-in: 137.0 137.0	3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



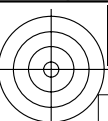
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



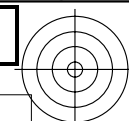
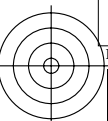
TUB-test chart KE98; Colorimetric systems, Page 40/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* setrgbcolor$
output: no change compared to input



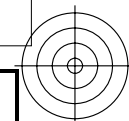


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> /.PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
40	1.0 0.0 1.0	330.0	57.9 105.3 328.6 89.9 -54.7	57.9 105.3 328.6 89.9 -54.7	0.0	1.0	b50r	m02o		1.0 0.0 0.976	1.0 0.0 0.976
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
40	1.0 0.0 1.0	330.0	56.9 108.7 326.6 90.7 -59.7	56.9 108.7 326.6 90.7 -59.7	0.0	1.0	b47r	m00o		0.965 0.0 1.0	0.965 0.0 1.0

3 Colours no.
 $j=40$

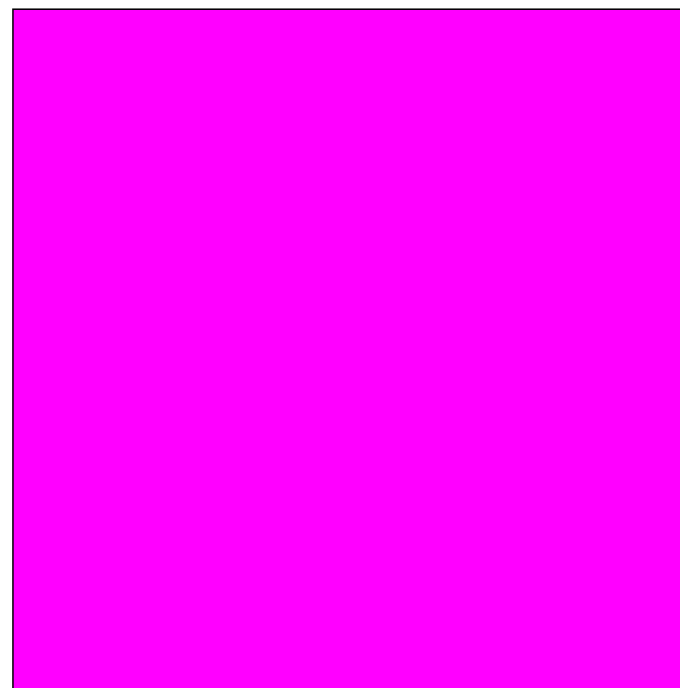
rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):			output of the elementary colour e:			3D interpolation (3D):		
linear interpolation (it):								
1.0	0.0	1.0	1.0	0.0	0.976	1.0	0.0	1.0
255	0	255	255	0	249	255	0	255
49.9	27.2	203.1	57.9	105.3	328.6	58.4	108.4	326.6
it-in:			123.4	123.4	3D-it:	4.9	4.9	

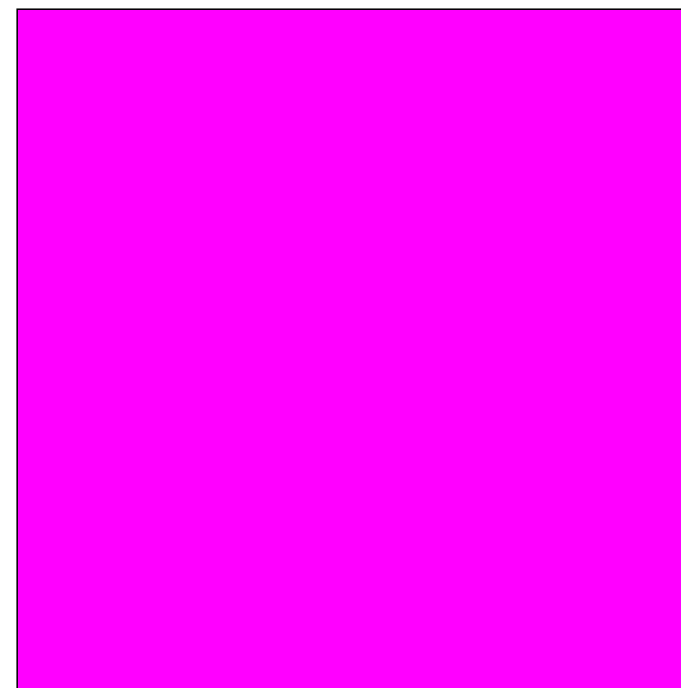
3 Colours no.
 $j=40$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

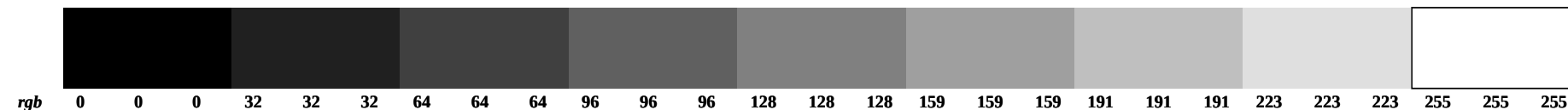
rgb input (in):			output of the device colour d:			3D interpolation (3D):		
linear interpolation (it):								
1.0	0.0	1.0	0.965	0.0	1.0	1.0	0.0	1.0
255	0	255	246	0	255	255	0	255
49.9	27.2	203.1	56.9	108.7	326.6	58.4	108.4	326.6
it-in:			125.9	125.9	3D-in:	0.0	0.0	



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



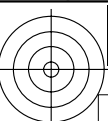
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



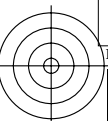
TUB-test chart KE98; Colorimetric systems, Page 41/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input

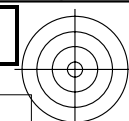




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

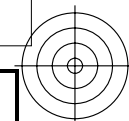


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 42/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
41	1.0	0.0	0.875	336.6 56.4 95.3 334.9 86.3 -40.4	56.4 95.3 334.9 86.3 -40.4	0.0	1.0	b55r	m10o		1.0 0.0 0.899	1.0 0.0 0.899
n_{rgb}	$rgb \rightarrow olv^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
41	1.0	0.0	0.875	336.6 56.3 95.0 334.5 85.7 -40.8	56.3 95.0 334.5 85.7 -40.8	0.0	1.0	b55r	m11o		1.0 0.0 0.897	1.0 0.0 0.897

3 Colours no.
 $j=41$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.0 0.875
255 0 223
50.5 28.4 229.8

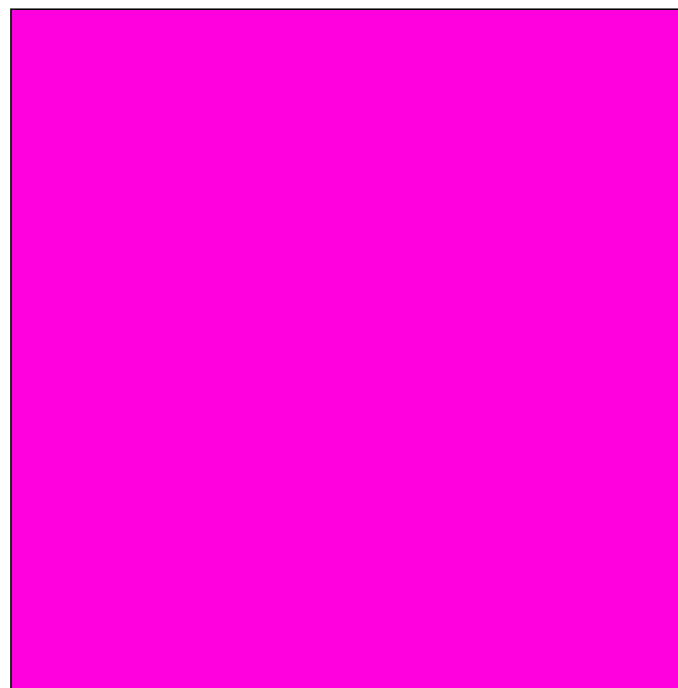
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.899 1.0 0.0 0.875
255 0 229 255 0 223
56.4 95.3 334.9 55.9 92.2 336.8
it-in: 106.5 106.5 3D-it: 4.5 4.5

3 Colours no.
 $j=41$

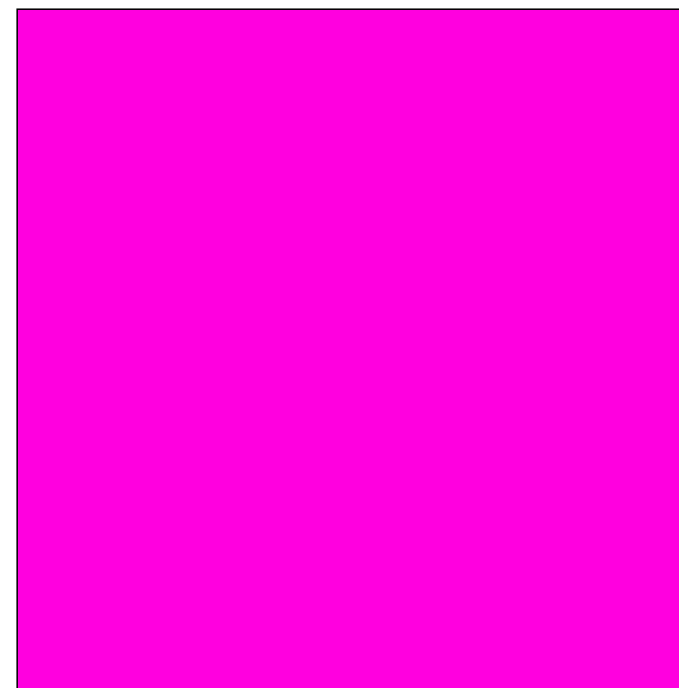
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.0 0.875
255 0 223
50.5 28.4 229.8

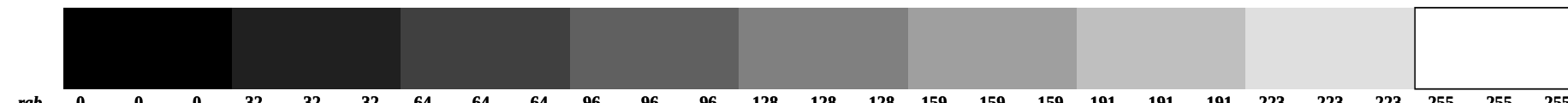
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.897 1.0 0.0 0.875
255 0 229 255 0 223
56.3 95.0 334.5 55.9 92.2 336.8
it-in: 106.0 106.0 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



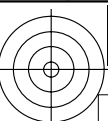
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



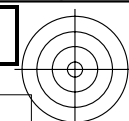
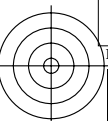
TUB-test chart KE98; Colorimetric systems, Page 42/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input



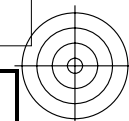


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
42	1.0 0.0 0.75	343.9	55.2 87.2 341.8 82.9 -27.2	55.2 87.2 341.8 82.9 -27.2	0.0	1.0	b61r	m22o		1.0 0.0 0.784	1.0 0.0 0.784
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
42	1.0 0.0 0.75	343.9	54.9 85.1 343.2 81.5 -24.5	54.9 85.1 343.2 81.5 -24.5	0.0	1.0	b63r	m23o		1.0 0.0 0.743	1.0 0.0 0.743

3 Colours no.
 $j=42$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
1.0 0.0 0.75
255 0 191
51.3 34.3 251.6

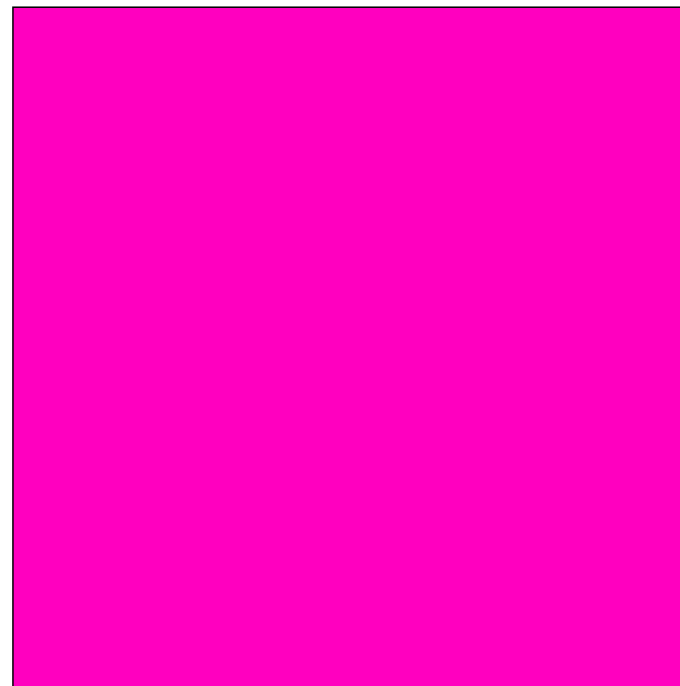
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.784 1.0 0.0 0.75
255 0 200 255 0 191
55.2 87.2 341.8 55.0 85.4 343.6
it-in: 93.9 93.9 3D-it: 3.3 3.3

3 Colours no.
 $j=42$

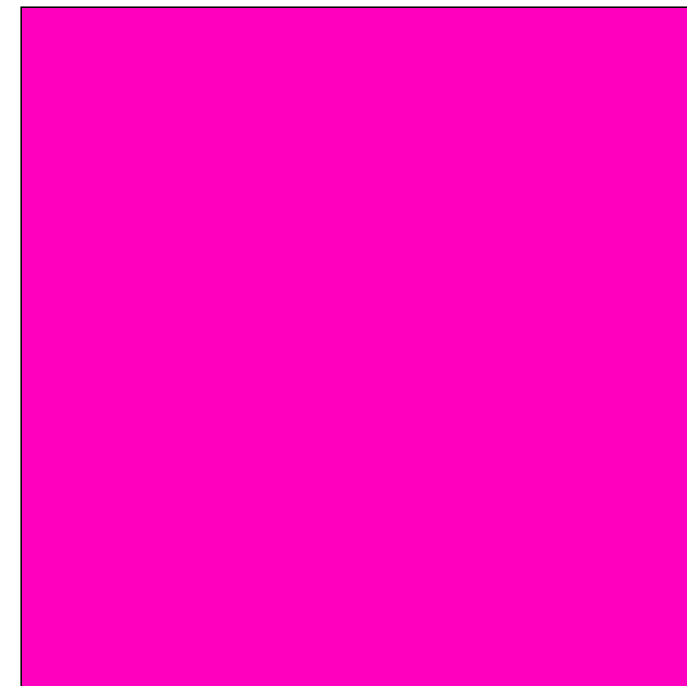
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
1.0 0.0 0.75
255 0 191
51.3 34.3 251.6

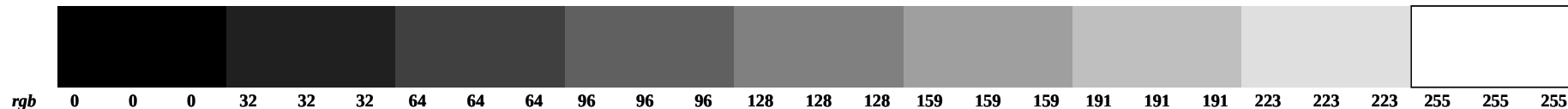
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.743 1.0 0.0 0.75
255 0 190 255 0 191
54.9 85.1 343.2 55.0 85.4 343.6
it-in: 92.8 92.8 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation

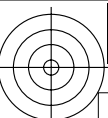


Device colour d of 3D interpolation

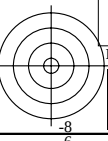


KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48

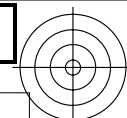




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> / .PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

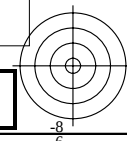


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> / .PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 44/48



TUB registration: 20100801-KE98/KE98L0NP.PDF / .PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
43	1.0 0.0 0.625	351.8	54.5 81.7 349.3 80.2 -15.1	54.5 81.7 349.3 80.2 -15.1	0.0	1.0	b68r	m35o		1.0 0.0 0.651	1.0 0.0 0.651
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
43	1.0 0.0 0.625	351.8	54.1 79.4 352.6 78.8 -10.1	54.1 79.4 352.6 78.8 -10.1	0.0	1.0	b71r	m36o		1.0 0.0 0.578	1.0 0.0 0.578

3 Colours no.
 $j=43$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):

1.0 0.0 0.625
255 0 159
52.3 44.1 266.4

output of the elementary colour e:

linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.651 1.0 0.0 0.625
255 0 166 255 0 159
54.5 81.7 349.3 54.3 80.7 350.8
it-in: 87.9 87.9 3D-it: 2.3 2.3

3 Colours no.
 $j=43$

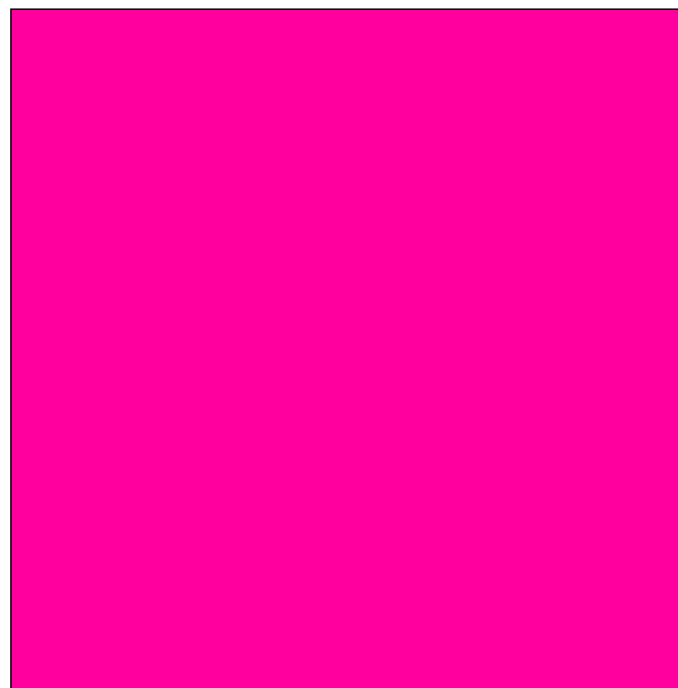
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):

1.0 0.0 0.625
255 0 159
52.3 44.1 266.4

output of the device colour d:

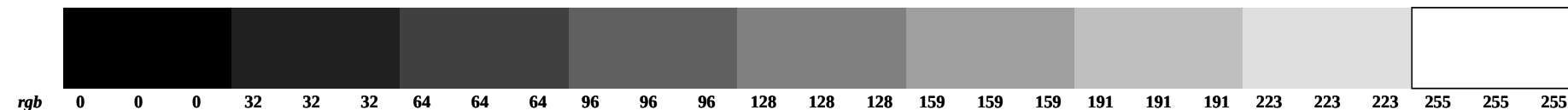
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.578 1.0 0.0 0.625
255 0 147 255 0 159
54.1 79.4 352.6 54.3 80.7 350.8
it-in: 88.3 88.3 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



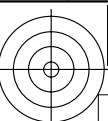
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



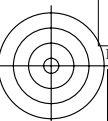
TUB-test chart KE98; Colorimetric systems, Page 44/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input

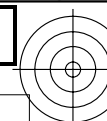




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF> / .PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF> / .PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 45/48



TUB registration: 20100801-KE98/KE98L0NP.PDF / .PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$	
44	1.0	0.0	0.5	0.0	53.9 78.2 357.0 78.1 -3.9	0.0	1.0	b75r	m47o		1.0	0.0	0.529 1.0 0.0 0.529
n_{rgb}	$rgb \rightarrow olv^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$	
44	1.0	0.0	0.5	0.0	53.4 76.6 2.4 76.5 3.2	0.0	1.0	b79r	m50o		1.0	0.0	0.406 1.0 0.0 0.406

3 Colours no.
 $j=44$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.0 0.5
255 0 128
55.0 67.7 281.8

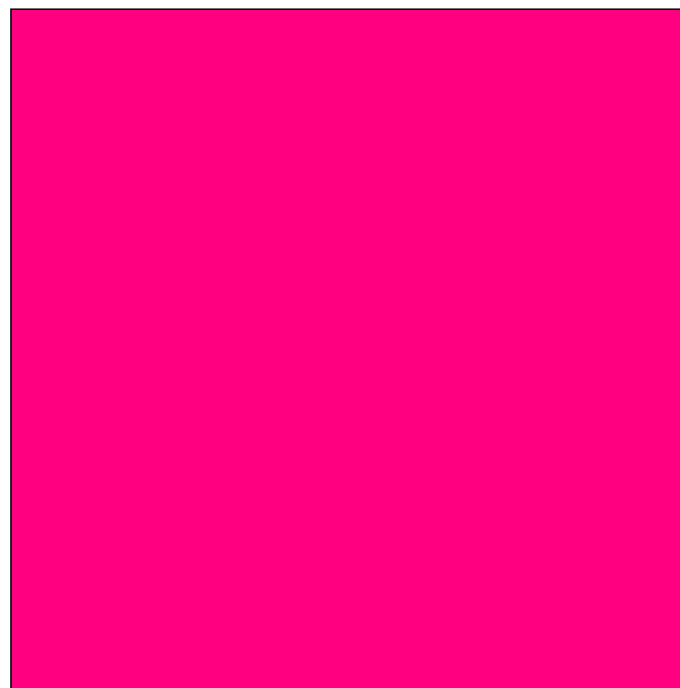
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.529 1.0 0.0 0.5
255 0 135 255 0 128
53.9 78.2 357.0 53.7 77.4 358.9
it-in: 89.4 89.4 3D-it: 2.7 2.7

3 Colours no.
 $j=44$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.0 0.5
255 0 128
55.0 67.7 281.8

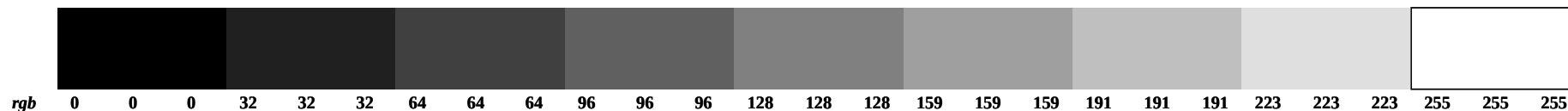
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.406 1.0 0.0 0.5
255 0 103 255 0 128
53.4 76.6 2.4 53.7 77.4 358.9
it-in: 93.5 93.5 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



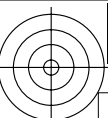
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



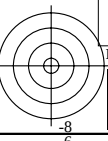
TUB-test chart KE98; Colorimetric systems, Page 45/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input

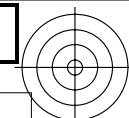




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

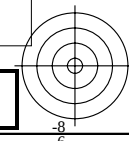


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 46/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



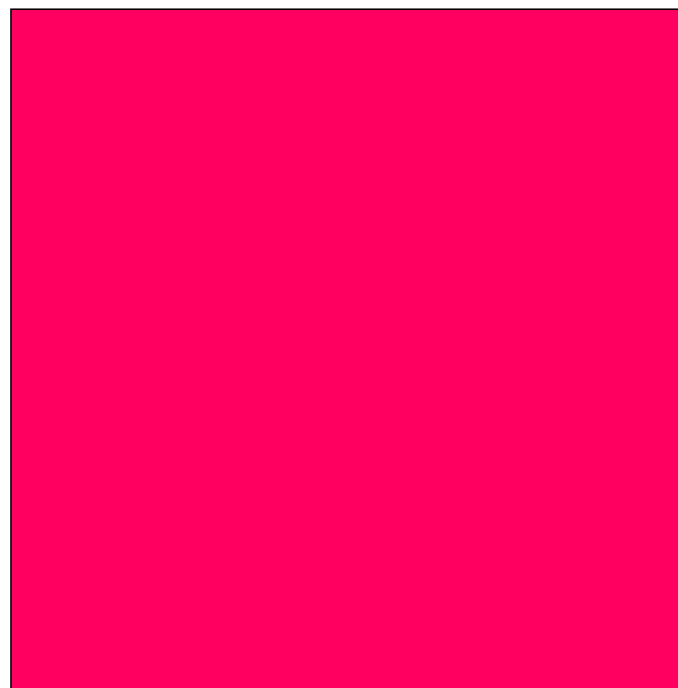
n_{rgb}	$rgb \rightarrow rgb^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
45	1.0	0.0	0.375	8.2	53.4 76.7 4.8 76.5 6.5	0.0	1.0	b81r	m58o		1.0 0.0	0.424 1.0 0.0 0.424
n_{rgb}	$rgb \rightarrow olv^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
45	1.0	0.0	0.375	8.2	52.8 78.9 12.2 77.2 16.7	0.0	1.0	b88r	m64o		1.0 0.0	0.233 1.0 0.0 0.233

3 Colours no.
 $j=45$

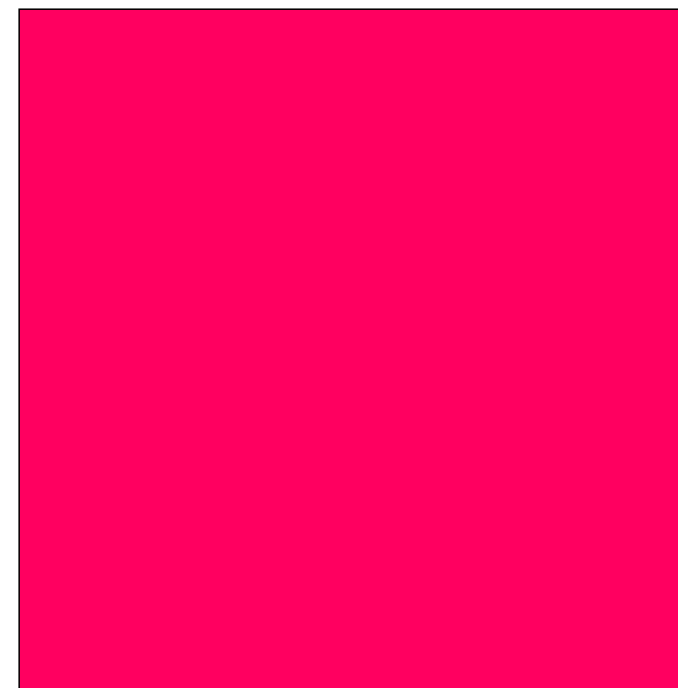
rgb input (in):	output of the elementary colour e :
rgb^*_{Fa}	linear interpolation (it): 3D interpolation (3D):
$rgb^*_{Fa, 8bit}$	
L^*, C^*_{ab}, h_{ab}	
$\Delta E^*_{ab}, \Delta E^*_m$	
1.0 0.0 0.375	1.0 0.0 0.424 1.0 0.0 0.375
255 0 96	255 0 108 255 0 96
55.5 75.4 136.1	53.4 76.7 4.8 53.3 76.3 8.6
it-in: 138.6 138.6	3D-it: 5.1 5.1

3 Colours no.
 $j=45$

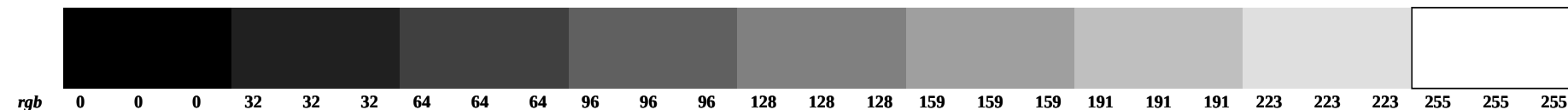
rgb input (in):	output of the device colour d :
olv^*_{Fa}	linear interpolation (it): 3D interpolation (3D):
$olv^*_{Fa, 8bit}$	
L^*, C^*_{ab}, h_{ab}	
$\Delta E^*_{ab}, \Delta E^*_m$	
1.0 0.0 0.375	1.0 0.0 0.233 1.0 0.0 0.375
255 0 96	255 0 60 255 0 96
55.5 75.4 136.1	52.8 78.9 12.2 53.3 76.3 8.6
it-in: 136.3 136.3	3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



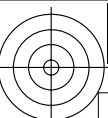
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



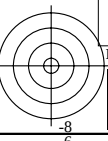
TUB-test chart KE98; Colorimetric systems, Page 46/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^*$ setrgbcolor
output: no change compared to input

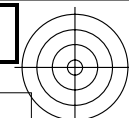




See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

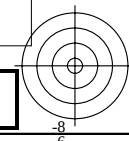


<http://130.149.60.45/~farbmetrik/KE98/KE98L0NP.PDF /.PS>; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 47/48



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta



n_{rgb}	$rgb \rightarrow rgb^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
46	1.0 0.0 0.25	16.1	53.1 76.9 12.3 75.2 16.4	53.1 76.9 12.3 75.2 16.4	0.0	1.0	b88r	m67o		1.0 0.0	0.332 1.0 0.0 0.332
n_{rgb}	$rgb \rightarrow olv^*_{3Fa,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
46	1.0 0.0 0.25	16.1	52.5 87.4 21.6 81.3 32.2	52.5 87.4 21.6 81.3 32.2	0.0	1.0	b96r	m77o		1.0 0.0	0.068 1.0 0.0 0.068

3 Colours no.
 $j=46$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
1.0 0.0 0.25
255 0 64
55.6 67.6 140.7

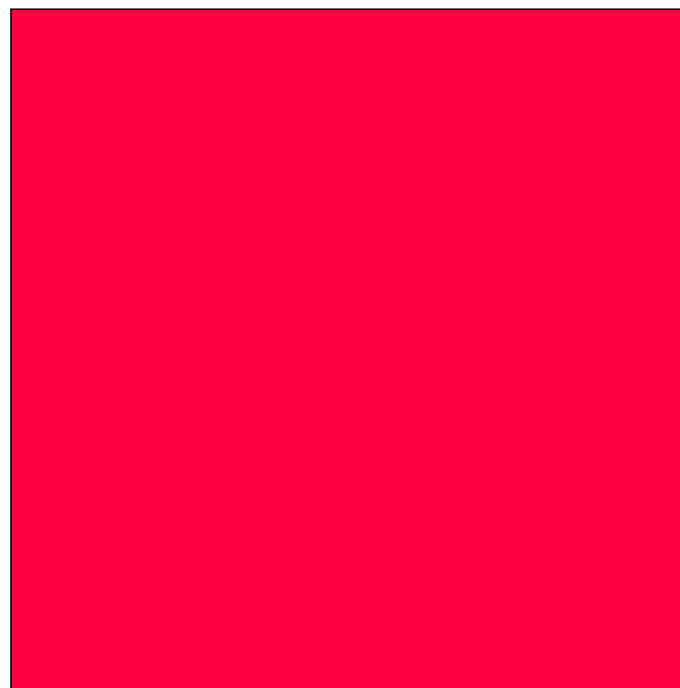
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.332 1.0 0.0 0.25
255 0 85 255 0 64
53.1 76.9 12.3 52.9 78.1 19.4
it-in: 130.2 130.2 3D-it: 9.6 9.6

3 Colours no.
 $j=46$

olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_m$

rgb input (in):
1.0 0.0 0.25
255 0 64
55.6 67.6 140.7

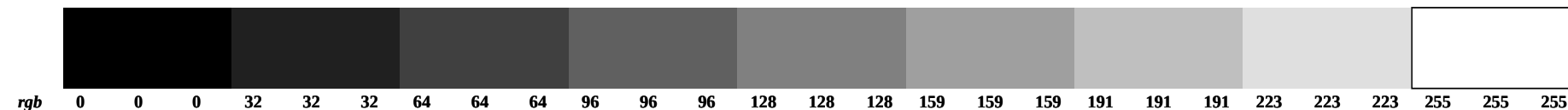
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.068 1.0 0.0 0.25
255 0 17 255 0 64
52.5 87.4 21.6 52.9 78.1 19.4
it-in: 134.0 134.0 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



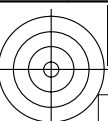
KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48



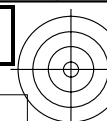
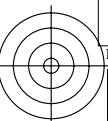
TUB-test chart KE98; Colorimetric systems, Page 47/48
48 colours for output linearisation: 48 step hue circle

input: $rgb \rightarrow rgb^*/olv^* \text{ setrgbcolor}$
output: no change compared to input



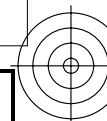


See original or copy: <http://web.me.com/klaus.richter/KE98/KE98L0NP.PDF /.PS>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB registration: 20100801-KE98/KE98L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta



n_{rgb}	$rgb \rightarrow rgb^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mae}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fae}$	n^*_{Fae}	c^*_{Fae}	u^*_{Fae}	d^*_{Fae}	d^*_{Fae}	$olv^*_{3Mae,it}$	$olv^*_{3Fae,it}$
47	1.0	0.0	0.125	23.4 52.9 78.0 19.2 73.7 25.7	52.9 78.0 19.2 73.7 25.7	0.0	1.0	b94r	m75o		1.0 0.0 0.252	1.0 0.0 0.252
n_{rgb}	$rgb \rightarrow olv^*$	$3F_{a,in}$	h_{rgb}	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Mad}$	$[L^*, C^*_{ab}, h_{ab}, a^*, b^*]_{Fad}$	n^*_{Fad}	c^*_{Fad}	u^*_{Fad}	d^*_{Fad}	d^*_{Fad}	$rgb^*_{3Mad,it}$	$rgb^*_{3Fad,it}$
47	1.0	0.0	0.125	23.4 53.2 89.5 30.3 77.2 45.2	53.2 89.5 30.3 77.2 45.2	0.0	1.0	r07j	m89o		1.0 0.073 0.0	1.0 0.073 0.0

3 Colours no.
 $j=47$

rgb^*_{Fa}
 $rgb^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.0 0.125
255 0 32
56.0 53.9 151.2

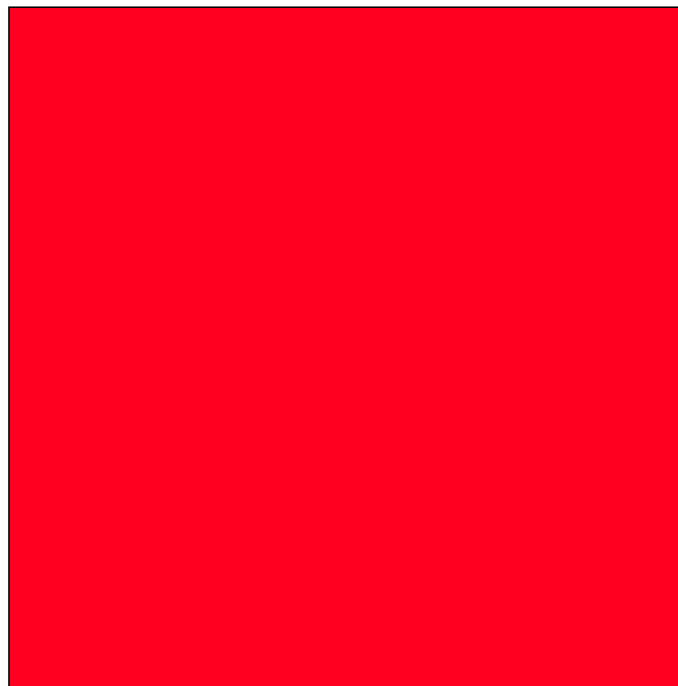
output of the elementary colour e:
linear interpolation (it): 3D interpolation (3D):
1.0 0.0 0.252 1.0 0.0 0.125
255 0 64 255 0 32
52.9 78.0 19.2 52.5 84.7 31.9
it-in: 120.9 120.9 3D-it: 19.1 19.1

3 Colours no.
 $j=47$

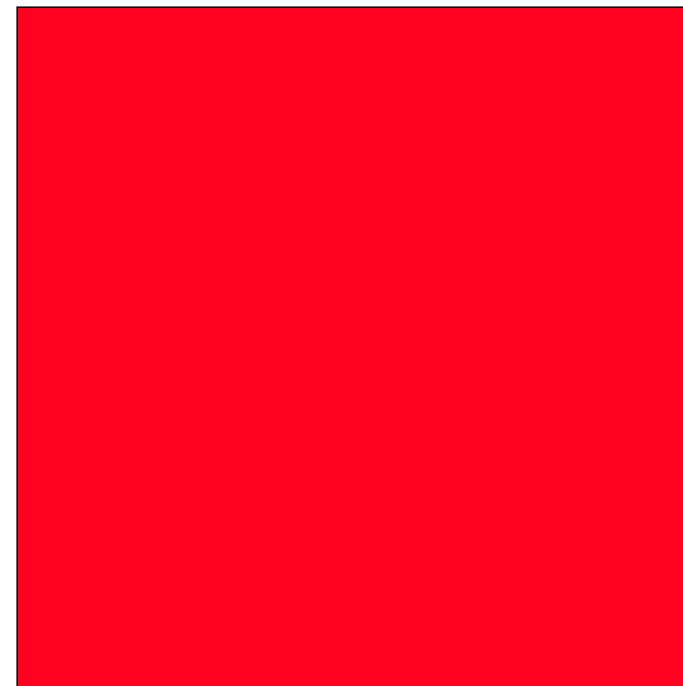
olv^*_{Fa}
 $olv^*_{Fa, 8bit}$
 L^*, C^*_{ab}, h_{ab}
 $\Delta E^*_{ab}, \Delta E^*_{m}$

rgb input (in):
1.0 0.0 0.125
255 0 32
56.0 53.9 151.2

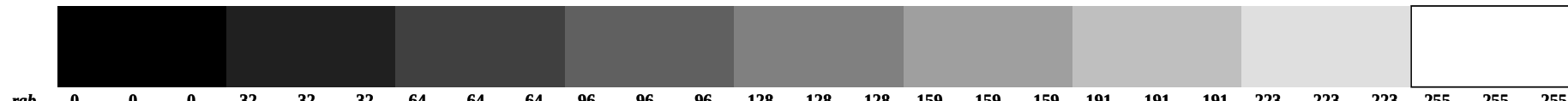
output of the device colour d:
linear interpolation (it): 3D interpolation (3D):
1.0 0.073 0.0 1.0 0.0 0.125
255 19 0 255 0 32
53.2 89.5 30.3 52.5 84.7 31.9
it-in: 125.9 125.9 3D-in: 0.0 0.0



Elementary colour e of 3D interpolation



Device colour d of 3D interpolation



KE980-7X, Test chart with 48 of 1080 standard colours; digital equidistant 9 step hue and achromatic scales; Page 2/48

