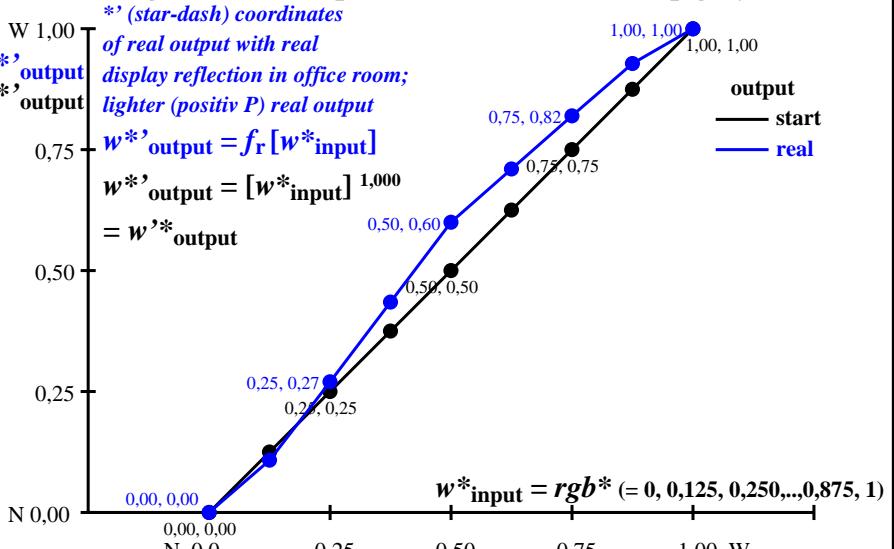


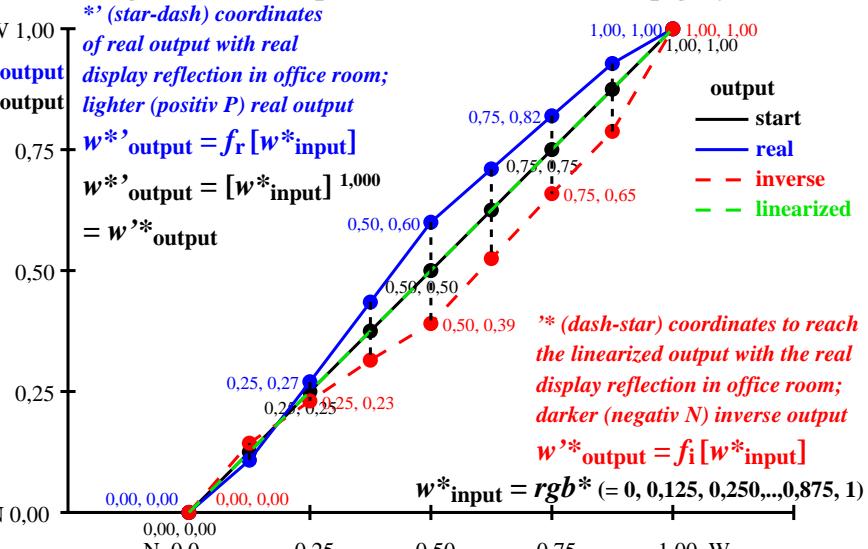


see similar files of the whole serie: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

Colour management for output linearization of a 9 step grey scale



Colour management for output linearization of a 9 step grey scale



TUB registration: 20241001-hel4/hel4l0np.pdf /ps
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

Three, 5 and 9 colour steps for visual evaluation

Three, 5 and 9 colour steps, numeric specification																
0,00 0,00	e08=0,.. a1=e08	1,00 1,00	0,00 0,00	e04=0,.. b1=e04*a1	1,00 0,00	e48=0,.. b3=e48*(1-b2)+b2	1,00 1,00	0,00 0,00	e02=0,.. c1=e02*b1	1,00 0,00	c2=b1 c3=e24*(b2-b1)+b1	0,00 1,00	e46=0,.. c4=b2	1,00 0,00	e68=0,.. c6=b3	1,00 0,00
0,00 0,00 0,390	0,60 0,600 1,000	1,00 1,000	0,00 0,000	0,45 0,270 0,230	1,00 0,600 0,390	0,55 0,820 0,658	1,00 1,000 1,000	0,00 0,000	0,40 0,108 0,143	1,00 0,270 0,230	0,49 0,435 0,314	0,00 0,600 0,390	0,50 0,710 0,524	1,00 0,820 0,658	0,60 0,928 0,787	1,00 1,000 1,000

Three, 5 and 9 colour steps, numeric calculation example

0,00 0,000 0,000	0,60 0,600 0,390	1,00 1,000 1,000	0,00 0,000 0,000	0,45 0,270 0,230	1,00 0,600 0,390	0,55 0,820 0,658	1,00 1,000 1,000	0,00 0,000	0,40 0,108 0,143	1,00 0,270 0,230	0,49 0,435 0,314	0,00 0,600 0,390	0,50 0,710 0,524	1,00 0,820 0,658	0,60 0,928 0,787	1,00 1,000 1,000
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r: 0, 108, 270, 435, 600, 710, 820, 928, 1000
Three, 5 and 9 colour steps, produced visual linearization

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hel40-7n, Test samples: 3, 5 and 9 colour steps, greu=0,500, expu=1,000, expa=1,000, expi=1,000

TUB-test chart hel4; separate grey samples for visual intervall scaling, evaluation of the series
B_W with 3, 5 and 9 steps, output $(rg\bar{b}^*)^{1,0}$ & experimental; surround mean Grey U=N08w