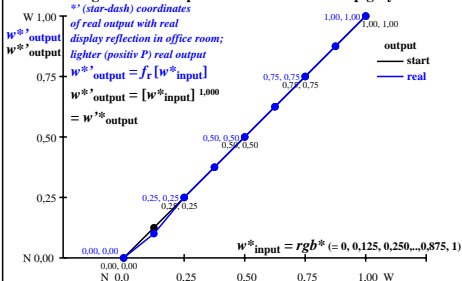
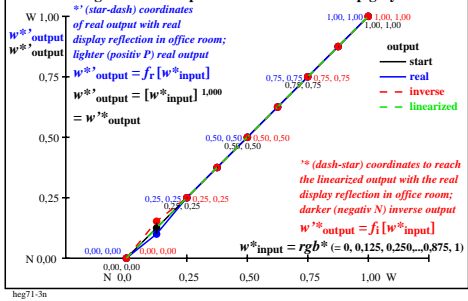


Colour management for output linearization of a 9 step grey scale



Colour management for output linearization of a 9 step grey scale



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

TUB registration: 20241001-heg7/heg7l0n1.txt / .ps
 application for evaluation and measurement of display or print output
 TUB material: code=mathta

Three, 5 and 9 colour steps for visual evaluation

0,000	0,500	1,000	0,000	0,250	0,500	0,750	1,000	0,000	0,125	0,250	0,375	0,500	0,625	0,750	0,875	1,000
N00w	N08w	N16w	N00w	N04w	N08w	N12w	N16w	N00w	N02w	N04w	N06w	N08w	N10w	N12w	N14w	N16w
0	12	25	0	25	50	75	100	0	12	25	37	50	62	75	87	100

Three, 5 and 9 colour steps, numeric specification

0,00	e08=0, .. 1,00	0,00	e04=0, .. 1,00	e48=0, .. 1,00	0,00	1,00	0,00	e02=0, .. 1,00	c24=0, .. 1,00	e46=0, .. 1,00	e68=0, .. 1,00	0,00	1,00		
0,00	a1=e08	1,00	b1=e04*a1	b2=a1	c48=e48* (1-b2)/b2	1,00	0,00	c1=e02*b1	c2=b1	c3=e24* (b2-b1)/b1	c4=b2	c5=e46* (b3-b2)/b2	c6=b3	c7=e68* (1-b3)/b3	1,00

Three, 5 and 9 colour steps, numeric calculation example

0,00	0,50	1,00	0,00	0,50	1,00	0,00	0,50	1,00	0,00	0,40	1,00	0,00	0,50	1,00	0,00	0,50	1,00
0,000	0,500	1,000	0,000	0,250	0,500	0,000	0,250	0,500	0,000	0,100	0,250	0,000	0,500	1,000	0,000	0,250	0,500
0,000	0,500	1,000	0,000	0,250	0,500	0,000	0,250	0,500	0,000	0,152	0,250	0,000	0,500	1,000	0,000	0,250	0,500

Three, 5 and 9 colour steps, produced visual linearization

0,000	0,500	1,000	0,000	0,250	0,500	0,750	1,000	0,000	0,125	0,250	0,375	0,500	0,625	0,750	0,875	1,000
0,000	0,500	1,000	0,000	0,250	0,500	0,750	1,000	0,000	0,100	0,250	0,375	0,500	0,625	0,750	0,875	1,000
0,000	0,500	1,000	0,000	0,250	0,500	0,750	1,000	0,000	0,152	0,250	0,375	0,500	0,625	0,750	0,875	1,000
0,000	0,500	1,000	0,000	0,250	0,500	0,750	1,000	0,000	0,125	0,250	0,375	0,500	0,625	0,750	0,875	1,000