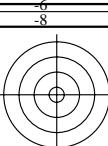


see similar files of the whole serie: http://farbe.li.tu-berlin.de or http://color.li.tu-berlin.de  
 technical information: http://farbe.li.tu-berlin.de



TUB registration: 20240901-he47/he47l0na.txt/.ps  
 application for evaluation and measurement of display or print output

TUB material: code=rha4ta

### Three, 5 and 9 colour steps for visual evaluation

0, 210, 353, 479, 594, 702, 805, 904, 1000  
 Black N00w – Black N16w = White W

$L^*_{TUBLOG,U} = [50/\log(5)] \log(Y/Y_U) + 50, Y_N=4, Y_U=20, Y_W=100$



### Three, 5 and 9 colour steps, numeric specification

0,00	0,.. e08	1,00
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0,00	0,.. e04	1,00 0,00	0,.. e48	1,00
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0,00	0,.. e02	1,00 0,00	0,.. e24	0,00 1,00	0,.. e46	1,00 0,00	0,.. e68	1,00
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### Three, 5 and 9 colour steps, numeric calculation

0,00	e08=0,59 a1=e08	1,00 1,00
------	--------------------	--------------

0,00	e04=0,59 b1=e04*a1	1,00 0,00	0,00	b2=a1 b3=e48*a1	1,00
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0,00	e02=0,59 c1=e02*b1	1,00 0,00	c2=b1 c3=e24*b1	0,00 1,00	e46=0,51 c4=a1	1,00 0,00	e68=0,50 c6=b3	1,00 1,00
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### Three, 5 and 9 colour steps, numeric calculation example

0,00	0,59 0,59	1,00 1,00
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0,00	0,59 0,35	1,00 0,59	0,52 0,80	1,00 1,00
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0,00	0,59 0,21	1,00 0,35	0,52 0,47	0,00 1,00	0,51 0,59	1,00 0,70	0,50 0,80	1,00 0,90
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### Three, 5 and 9 colour steps, produced visual linearization

0, 125, 250, 375, 500, 625, 750, 875, 1000  
 Black N00w – Black N16w = White W

$L^*_{TUBLOG,U} = [50/\log(5)] \log(Y/Y_U) + 50, Y_N=4, Y_U=20, Y_W=100$



he47-7n, Test samples: 3, 5 and 9 colour steps, greu=0,500, expu=1,000, expa=0,750, expi=1,330

TUB-test chart he47; Adjacent grey samples for visual intervall scaling, evaluation of the series  
 N-W with 3, 5 and 9 steps, output  $(rgb^*)^{0,75}$  &  $[(rgb^*)^{0,75}]^{1,33}$ ; surround mean Grey U=N08w

