

<http://farbe.li.tu-berlin.de/hem6/hem610np.pdf> / .ps; only vector graphic VG; start output
 see separate images of this page: <http://farbe.li.tu-berlin.de/hem6/hem6.htm>

Three, 5 and 9 colour steps for visual evaluation $s: 0, 125, 250, 375, 500, 625, 750, 875, 1000$ $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Gelb Y00w – Gelb Y16w = White W

| | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 |
| Y00w | Y08w | Y16w | Y00w | Y04w | Y08w | Y12w | Y16w | Y00w | Y02w | Y04w | Y06w | Y08w | Y10w | Y12w | Y14w | Y16w |

| | | | | | | | | | | | | | | | | |
|------|-----------|------|------|-----------|-------|------------------|------|------|-----------|-------|-------------------|-------|-------------------|-------|------------------|------|
| 0,00 | e08=0, .. | 1,00 | 0,00 | e04=0, .. | 1,00 | e48=0, .. | 1,00 | 0,00 | e02=0, .. | 1,00 | c24=0, .. | 1,00 | e46=0, .. | 1,00 | e68=0, .. | 1,00 |
| 0,00 | a1=e08 | 1,00 | 0,00 | b1=e04*a1 | b2=a1 | b3=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 |

| | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0,00 | 0,60 | 1,00 | 0,00 | 0,50 | 1,00 | 0,50 | 1,00 | 0,00 | 0,45 | 1,00 | 0,50 | 1,00 | 0,50 | 1,00 | 0,49 | 1,00 |
| 0,000 | 0,600 | 1,000 | 0,000 | 0,300 | 0,600 | 0,800 | 1,000 | 0,000 | 0,135 | 0,300 | 0,450 | 0,600 | 0,700 | 0,800 | 0,900 | 1,000 |
| 0,000 | 0,390 | 1,000 | 0,000 | 0,202 | 0,390 | 0,690 | 1,000 | 0,000 | 0,115 | 0,202 | 0,299 | 0,390 | 0,538 | 0,690 | 0,844 | 1,000 |

Three, 5 and 9 colour steps, produced visual linearization $r: 0, 135, 300, 450, 600, 700, 800, 900, 1000$ $i: 0, 115, 202, 299, 390, 538, 690, 844, 1000$ $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Gelb Y00w – Gelb Y16w = White W

| | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 | 0,600 | 1,000 | 0,000 | 0,300 | 0,600 | 0,800 | 1,000 | 0,000 | 0,135 | 0,300 | 0,450 | 0,600 | 0,700 | 0,800 | 0,900 | 1,000 |
| 0,000 | 0,390 | 1,000 | 0,000 | 0,202 | 0,390 | 0,690 | 1,000 | 0,000 | 0,115 | 0,202 | 0,299 | 0,390 | 0,538 | 0,690 | 0,844 | 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 |
| Y00w | Y08w | Y16w | Y00w | Y04w | Y08w | Y12w | Y16w | Y00w | Y02w | Y04w | Y06w | Y08w | Y10w | Y12w | Y14w | Y16w |

Three, 5 and 9 colour steps for visual evaluation $s: 0, 125, 250, 375, 500, 625, 750, 875, 1000$ $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Gelb Y00w – Gelb Y16w = White W

| | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 |
| Y00w | Y08w | Y16w | Y00w | Y04w | Y08w | Y12w | Y16w | Y00w | Y02w | Y04w | Y06w | Y08w | Y10w | Y12w | Y14w | Y16w |

| | | | | | | | | | | | | | | | | |
|------|-----------|------|------|-----------|-------|------------------|------|------|-----------|-------|-------------------|-------|-------------------|-------|------------------|------|
| 0,00 | e08=0, .. | 1,00 | 0,00 | e04=0, .. | 1,00 | e48=0, .. | 1,00 | 0,00 | e02=0, .. | 1,00 | c24=0, .. | 1,00 | e46=0, .. | 1,00 | e68=0, .. | 1,00 |
| 0,00 | a1=e08 | 1,00 | 0,00 | b1=e04*a1 | b2=a1 | b3=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 |

| | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0,00 | 0,60 | 1,00 | 0,00 | 0,45 | 1,00 | 0,55 | 1,00 | 0,00 | 0,40 | 1,00 | 0,49 | 1,00 | 0,50 | 1,00 | 0,60 | 1,00 |
| 0,000 | 0,600 | 1,000 | 0,000 | 0,270 | 0,600 | 0,820 | 1,000 | 0,000 | 0,108 | 0,270 | 0,435 | 0,600 | 0,710 | 0,820 | 0,928 | 1,000 |
| 0,000 | 0,390 | 1,000 | 0,000 | 0,230 | 0,390 | 0,658 | 1,000 | 0,000 | 0,143 | 0,230 | 0,314 | 0,390 | 0,524 | 0,658 | 0,787 | 1,000 |

Three, 5 and 9 colour steps, produced visual linearization $r: 0, 108, 270, 435, 600, 710, 820, 928, 1000$ $i: 0, 143, 230, 314, 390, 524, 658, 787, 1000$ $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Gelb Y00w – Gelb Y16w = White W

| | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0,000 | 0,600 | 1,000 | 0,000 | 0,270 | 0,600 | 0,820 | 1,000 | 0,000 | 0,108 | 0,270 | 0,435 | 0,600 | 0,710 | 0,820 | 0,928 | 1,000 |
| 0,000 | 0,390 | 1,000 | 0,000 | 0,230 | 0,390 | 0,658 | 1,000 | 0,000 | 0,143 | 0,230 | 0,314 | 0,390 | 0,524 | 0,658 | 0,787 | 1,000 |
| Y00w | Y08w | Y16w | Y00w | Y04w | Y08w | Y12w | Y16w | Y00w | Y02w | Y04w | Y06w | Y08w | Y10w | Y12w | Y14w | Y16w |

hem6-7n, Test samples: 3, 5 and 9 colour steps, greu=0,500, expu=1,000, expa=1,000, expi=1,000
 TUB-test chart hem6; adj & sep grey samples for visual intervall scaling, evaluation of the series Y_W with 3, 5 and 9 steps, output (rgb*)^{I,0} & experimental; surround mean Grey U=N08w

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

TUB registration: 20241001-hem6/hem610np.pdf / .ps
 application for evaluation and measurement of display or print output
 TUB material: code=rh4ta