

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000  $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$   
 Blau B00w – Blau B16w = Weiß W

Drei, 5 und 9 Farbstufen für visuelle Beurteilung



B00w B08w B16w B00w B04w B08w B12w B16w B00w B02w B04w B06w B08w B10w B12w B14w B16w

Drei, 5 und 9 Farbstufen, numerische Kennzeichnung

|              |                     |              |              |                        |              |              |                               |              |              |                        |              |              |                                |       |              |                                |              |              |                               |              |
|--------------|---------------------|--------------|--------------|------------------------|--------------|--------------|-------------------------------|--------------|--------------|------------------------|--------------|--------------|--------------------------------|-------|--------------|--------------------------------|--------------|--------------|-------------------------------|--------------|
| 0,00<br>0,00 | e08=0, ..<br>a1=e08 | 1,00<br>1,00 | 0,00<br>0,00 | e04=0, ..<br>b1=e04*a1 | 1,00<br>0,00 | 0,00<br>0,00 | e48=0, ..<br>b3=e48*(1-b2)+b2 | 1,00<br>1,00 | 0,00<br>0,00 | e02=0, ..<br>c1=e02*b1 | 1,00<br>0,00 | 0,00<br>1,00 | c24=0, ..<br>c3=e24*(b2-b1)+b1 | c4=b2 | 0,00<br>1,00 | e46=0, ..<br>c5=e46*(b3-b2)+b2 | 1,00<br>0,00 | 0,00<br>1,00 | e68=0, ..<br>c7=e68*(1-b3)+b3 | 1,00<br>1,00 |
|--------------|---------------------|--------------|--------------|------------------------|--------------|--------------|-------------------------------|--------------|--------------|------------------------|--------------|--------------|--------------------------------|-------|--------------|--------------------------------|--------------|--------------|-------------------------------|--------------|

Drei, 5 und 9 Farbstufen, numerisches Berechnungsbeispiel

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

Drei, 5 und 9 Farbstufen, erzeugte visuelle Linearisierung

r: 0, 108, 270, 435, 600, 710, 820, 928, 1000  $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$   
 i: 0, 143, 230, 314, 390, 524, 658, 787, 1000  
 Blau B00w – Blau B16w = Weiß W



B00w B08w B16w B00w B04w B08w B12w B16w B00w B02w B04w B06w B08w B10w B12w B14w B16w