

Three, 5 and 9 colour steps for visual evaluation

N00w

N08w

N16w

0, 125, 250, 375, 500, 625, 750, 875, 1000

Black N00w – Black N16w = White W

N00w

N04w

N08w

N12w

N16w

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

Three, 5 and 9 colour steps, numeric specification

0,00

e08=0, ..

1,00

0,00

a1=e08

1,00

0,00

e04=0, ..

1,00

0,00

b1=e04*a1

0,00

b2=a1

e48=0, ..

b3=e48*(1-b2)+b2

1,00

1,00

0,00

e02=0, ..

1,00

0,00

c1=e02*b1

0,00

c2=b1

c24=0, ..

c3=e24*(b2-b1)+b1

0,00

1,00

e46=0, ..

c4=b2

c5=e46*(b3-b2)+b2

0,00

0,00

c6=b3

e68=0, ..

c7=e68*(1-b3)+b3

1,00

1,00

Three, 5 and 9 colour steps, numeric calculation example

0,00

0,50

1,00

0,000

0,500

1,000

0,00

0,50

1,00

0,000

0,250

0,500

0,750

1,000

0,00

0,50

1,00

0,000

0,125

0,250

0,375

0,500

0,625

0,750

0,875

1,000

Three, 5 and 9 colour steps, produced visual linearization

N00w

N08w

N16w

0, 350, 499, 612, 707, 790, 865, 935, 1000

Black N00w – Black N16w = White W

N00w

N04w

N08w

N12w

N16w

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