

Eingabe: Farbmetrisches Reflexions-System NCS11

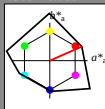
für Buntton $h^* = lab^*h = 24/360 = 0.066$

lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 47 92 24

rgb*Ma: 1.0 0.0 0.0



Dreiecks-Helligkeit t^*

%Umfang

$u^*_{rel} = 149$

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

NCS11; adaptierte CIELAB-Daten

$L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

R_{Ma} 47.15 84.64 37.25 92.48 24

J_{Ma} 91.37 -1.27 125.03 125.03 91

G_{Ma} 63.07 -114.28 25.35 117.06 167

G_{50B}Ma 59.47 -80.6 -33.45 87.28 203

B_{Ma} 49.01 3.65 -81.19 81.28 273

B_{50R}Ma 44.06 106.09 -73.93 129.32 325

N_{Ma} 10.99 0.0 0.0 0.0 0

W_{Ma} 95.41 0.0 0.0 0.0 0

R_{CIE} 39.92 58.69 27.98 65.01 25

J_{CIE} 81.26 -2.9 71.56 71.62 92

G_{CIE} 52.23 -42.45 13.59 44.59 162

B_{CIE} 30.57 1.35 -46.48 46.51 272

Ausgabe: Farbmetrisches Reflexions-System MRS18

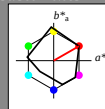
für Buntton $h^* = lab^*h = 30/360 = 0.083$

lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0



Dreiecks-Helligkeit t^*

%Umfang

$u^*_{rel} = 91$

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

MRS18; adaptierte CIELAB-Daten

$L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

R_{Ma} 49.63 66.96 38.37 77.18 30

J_{Ma} 90.7 -6.36 88.75 88.98 94

G_{Ma} 52.11 -69.73 9.44 70.37 172

G_{50B}Ma 45.03 -36.57 -28.47 46.36 218

B_{Ma} 36.65 23.19 -63.05 67.18 290

B_{50R}Ma 34.94 57.17 -44.26 72.31 322

N_{Ma} 18.01 0.0 0.0 0.0 0

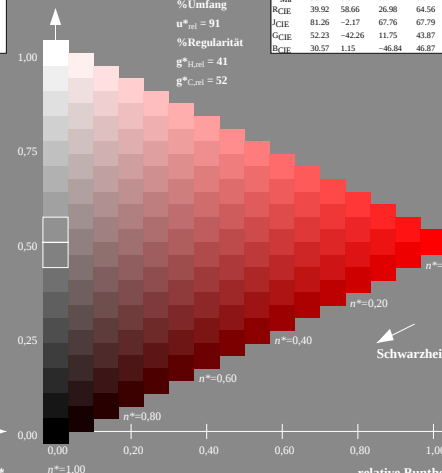
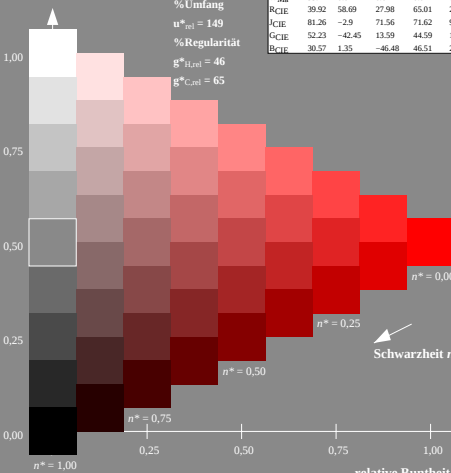
W_{Ma} 95.41 0.0 0.0 0.0 0

R_{CIE} 39.92 58.66 26.98 64.56 25

J_{CIE} 81.26 -2.17 67.76 67.79 92

G_{CIE} 52.23 -42.26 11.75 43.87 164

B_{CIE} 30.57 1.15 -46.84 46.87 271



UG980-7, 9stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (links)

16stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (rechts)

BAM-Prüfvorlage UG98; Farbmetrik-Systeme NCS11a & MRS18put: cmy0* setcmykcolor
D65: 9 und 16stufige Farbreihen für 10 Bunttöne

output: olv* setrgbcolor / w* setgray