

Eingabe: Farbmétrisches Reflexions-System NCS11

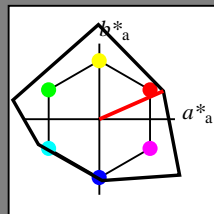
für Buntton $h^* = lab^*h = 24/360 = 0.066$

lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 47 92 24

rgb*Ma: 1.0 0.0 0.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50BMa | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| BMa | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50RMa | 44.06 | 106.09 | -73.93 | 129.32 | 325 |
| NMa | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| JCIE | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.45 | 13.59 | 44.59 | 162 |
| BCIE | 30.57 | 1.35 | -46.48 | 46.51 | 272 |

Dreiecks-Helligkeit t^*

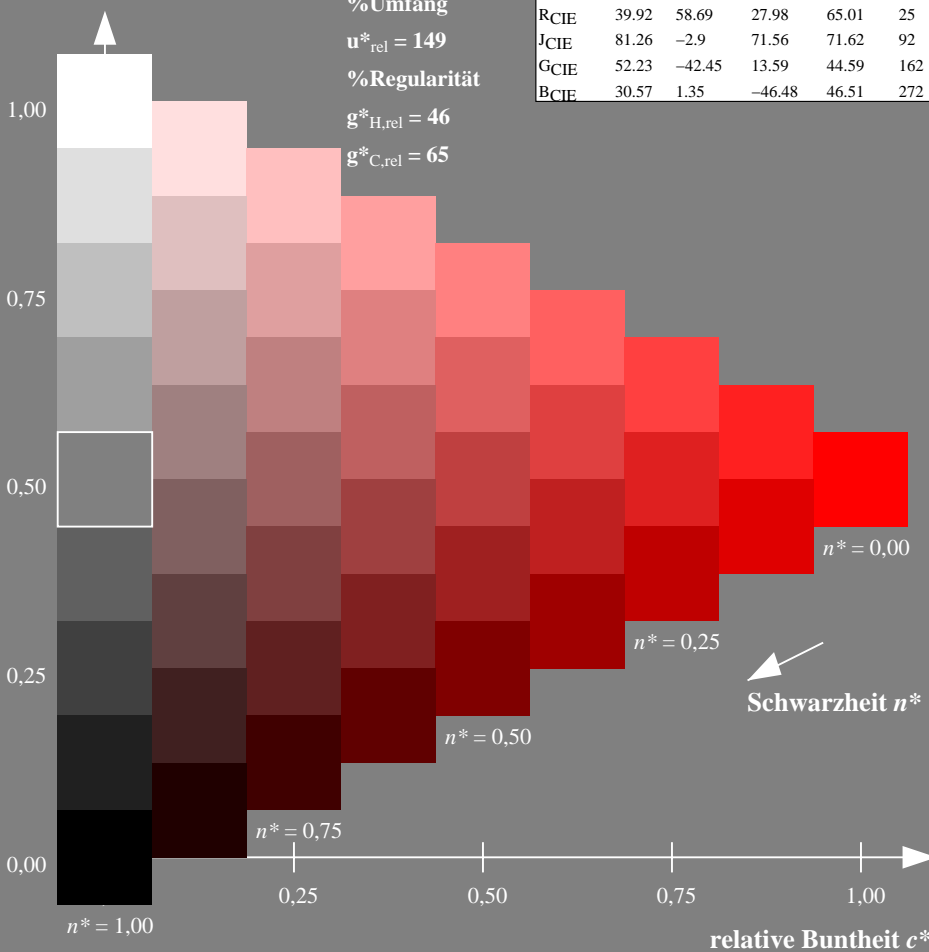
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmétrisches Reflexions-System MRS18

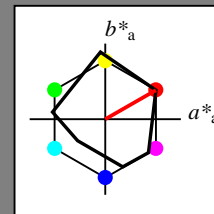
für Buntton $h^* = lab^*h = 30/360 = 0.083$

lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| BMa | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50RMa | 34.94 | 57.17 | -44.26 | 72.31 | 322 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| JCIE | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.26 | 11.75 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Dreiecks-Helligkeit t^*

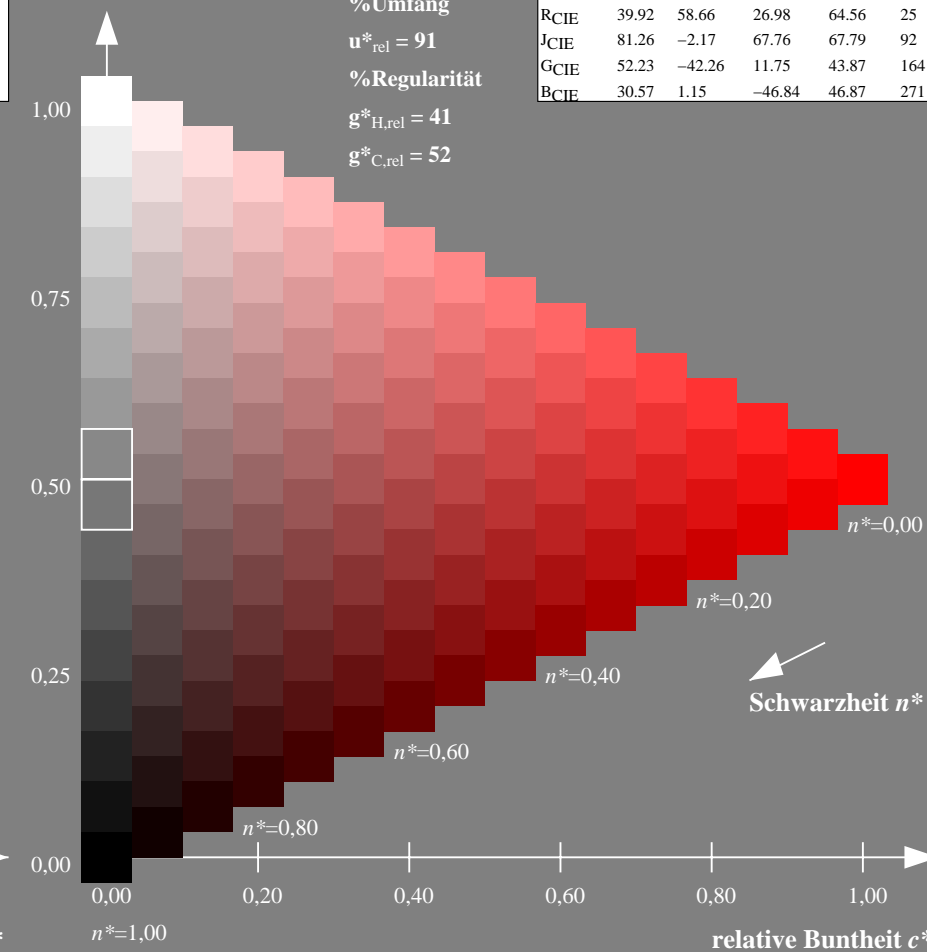
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (links)

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

BAM-Prüfvorlage TG98; Farbmétrik-Systeme NCS11a & MRS18

D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: $olv^* setrgbcolor$

output: no change compared to input

Eingabe: Farbmimetrisches Reflexions-System NCS11

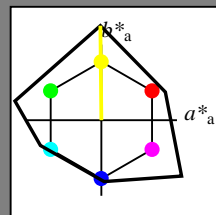
für Buntton $h^* = lab^*h = 91/360 = 0.252$

lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 91 125 91

rgb*Ma: 1.0 1.0 0.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50BMa | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| BMa | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50RMa | 44.06 | 106.09 | -73.93 | 129.32 | 325 |
| NMa | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| JCIE | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.45 | 13.59 | 44.59 | 162 |
| BCIE | 30.57 | 1.35 | -46.48 | 46.51 | 272 |

Dreiecks-Helligkeit t^*

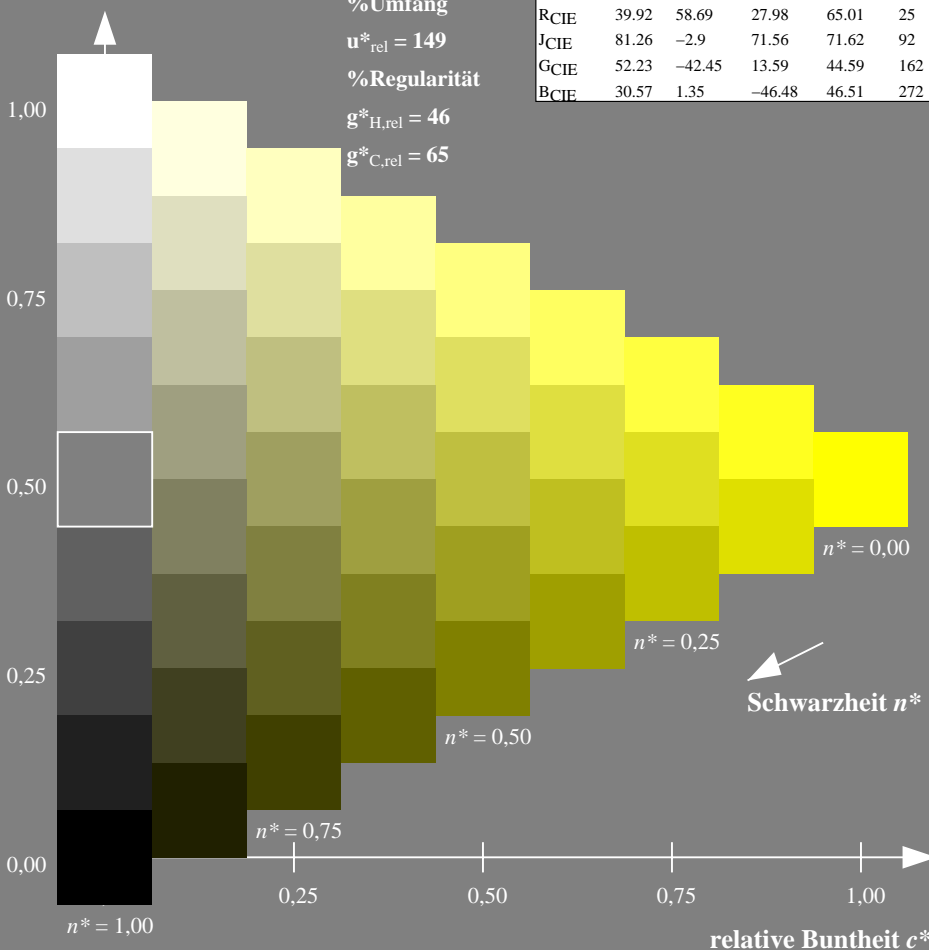
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmimetrisches Reflexions-System MRS18

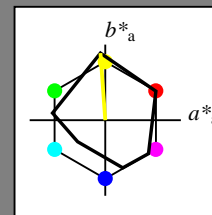
für Buntton $h^* = lab^*h = 94/360 = 0.261$

lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| BMa | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50RMa | 34.94 | 57.17 | -44.26 | 72.31 | 322 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| JCIE | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.26 | 11.75 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Dreiecks-Helligkeit t^*

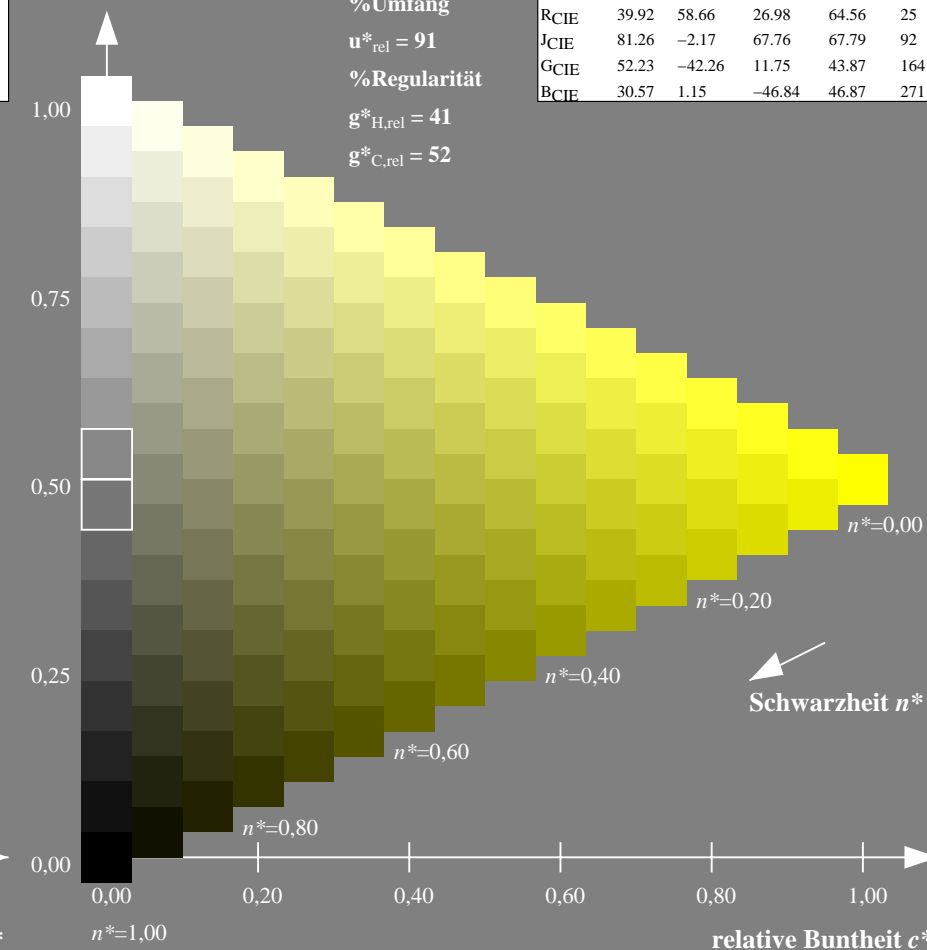
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.252 (links)

16stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (rechts)

BAM-Prüfvorlage TG98; Farbmimetrik-Systeme NCS11a & MRS18

D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: $olv^* setrgbcolor$

output: no change compared to input

Eingabe: Farbmimetrisches Reflexions-System NCS11

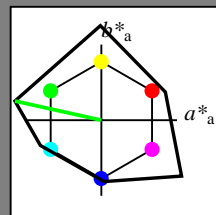
für Buntton $h^* = lab^*h = 167/360 = 0.465$

lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 63 117 167

rgb*Ma: 0.0 1.0 0.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50BMa | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| BMa | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50RMa | 44.06 | 106.09 | -73.93 | 129.32 | 325 |
| NMa | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| JCIE | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.45 | 13.59 | 44.59 | 162 |
| BCIE | 30.57 | 1.35 | -46.48 | 46.51 | 272 |

Dreiecks-Helligkeit t^*

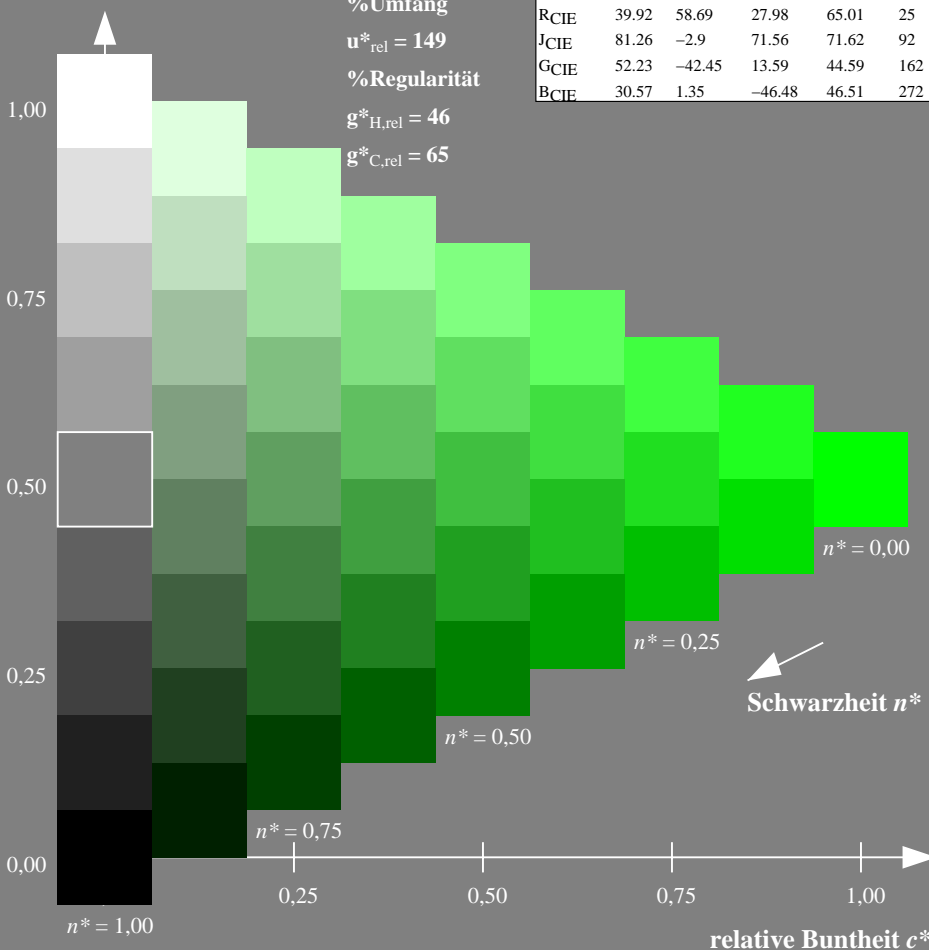
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmimetrisches Reflexions-System MRS18

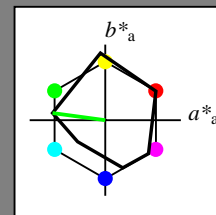
für Buntton $h^* = lab^*h = 172/360 = 0.479$

lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 52 70 172

rgb*Ma: 0.0 1.0 0.0



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| BMa | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50RMa | 34.94 | 57.17 | -44.26 | 72.31 | 322 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| JCIE | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.26 | 11.75 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Dreiecks-Helligkeit t^*

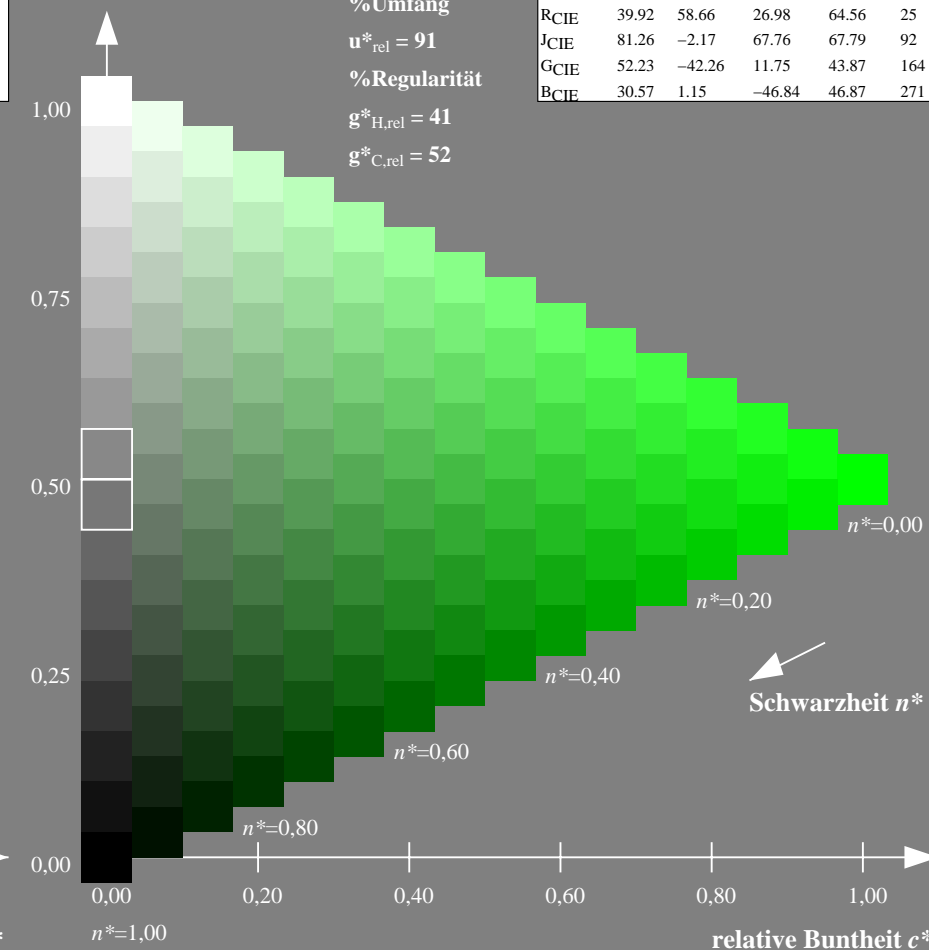
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.465 (links)

16stufige Reihen für konstanten CIELAB Buntton 172/360 = 0.479 (rechts)

BAM-Prüfvorlage TG98; Farbmimetrik-Systeme NCS11a & MRS18
D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: $olv^* setrgbcolor$
output: no change compared to input

Eingabe: Farbmimetrisches Reflexions-System NCS11

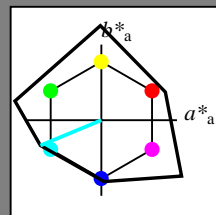
für Buntton $h^* = lab^*h = 203/360 = 0.563$

lab^*tch und lab^*nch

D65: Buntton G50B

LCH*Ma: 59 87 203

rgb*Ma: 0.0 1.0 1.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50B _{Ma} | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| B _{Ma} | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50R _{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 |

Dreiecks-Helligkeit t^*

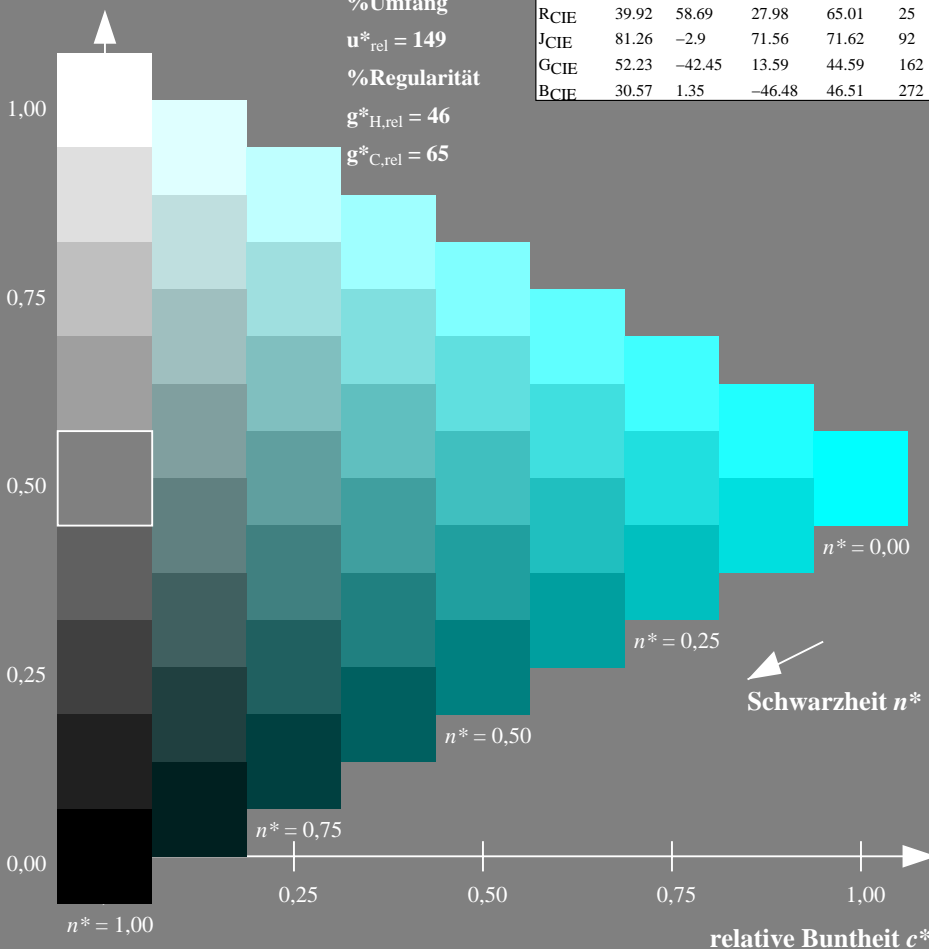
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmimetrisches Reflexions-System MRS18

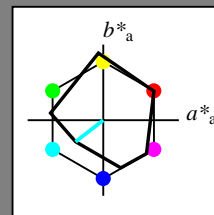
für Buntton $h^* = lab^*h = 218/360 = 0.605$

lab^*tch und lab^*nch

D65: Buntton G50B

LCH*Ma: 45 46 218

rgb*Ma: 0.0 1.0 1.0



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50B _{Ma} | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| B _{Ma} | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50R _{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 |

Dreiecks-Helligkeit t^*

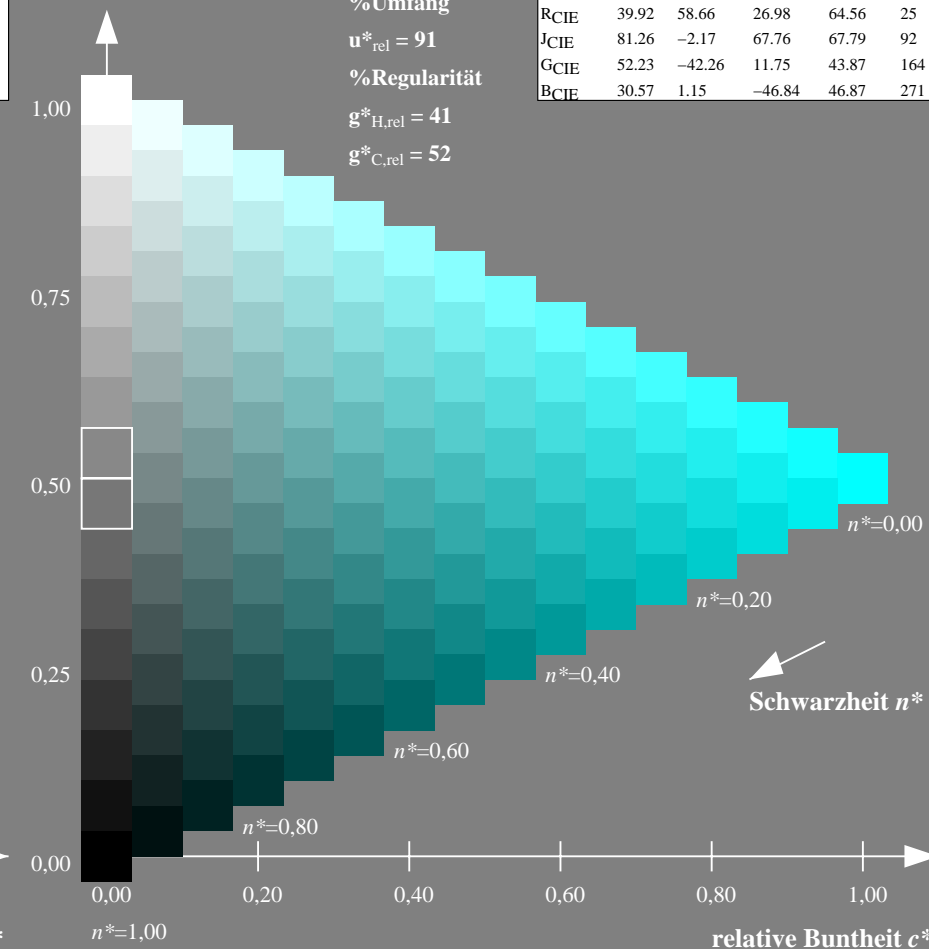
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.563 (links)

16stufige Reihen für konstanten CIELAB Buntton 218/360 = 0.605 (rechts)

BAM-Prüfvorlage TG98; Farbmimetrische Systeme NCS11a & MRS18

D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: $olv^* setrgbcolor$

output: no change compared to input

Eingabe: Farbmimetrisches Reflexions-System NCS11

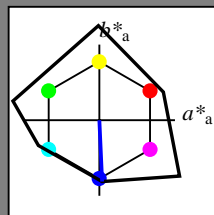
für Buntton $h^* = lab^*h = 273/360 = 0.757$

lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 49 81 273

rgb*Ma: 0.0 0.0 1.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50BMa | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| BMa | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50RMa | 44.06 | 106.09 | -73.93 | 129.32 | 325 |
| NMa | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| JCIE | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.45 | 13.59 | 44.59 | 162 |
| BCIE | 30.57 | 1.35 | -46.48 | 46.51 | 272 |

Dreiecks-Helligkeit t^*

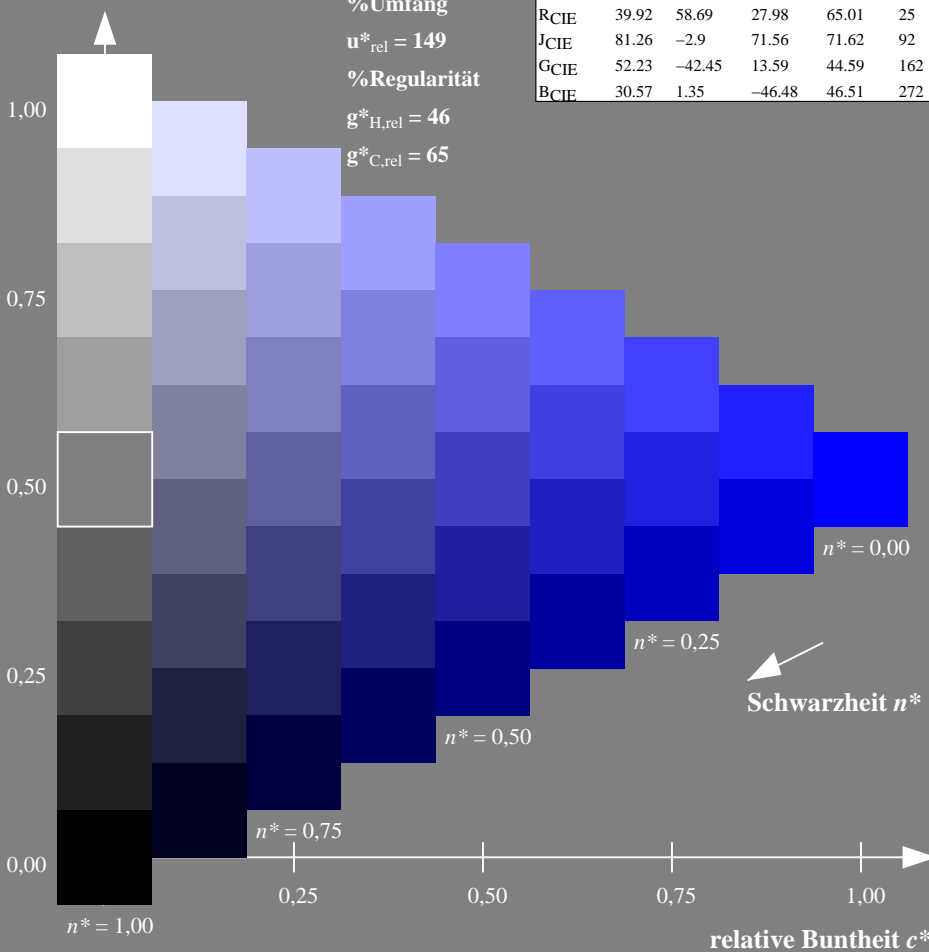
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmimetrisches Reflexions-System MRS18

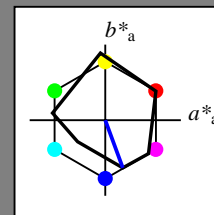
für Buntton $h^* = lab^*h = 290/360 = 0.806$

lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 37 67 290

rgb*Ma: 0.0 0.0 1.0



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| BMa | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50RMa | 34.94 | 57.17 | -44.26 | 72.31 | 322 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| JCIE | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.26 | 11.75 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Dreiecks-Helligkeit t^*

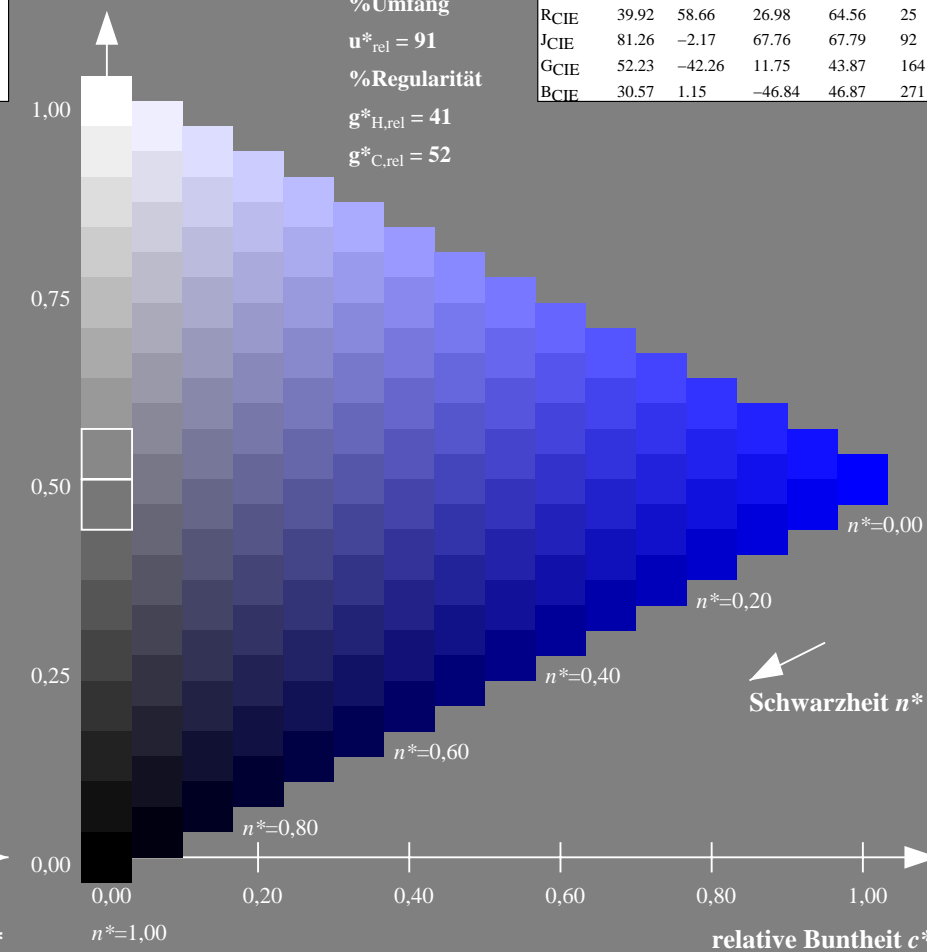
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.757 (links)

16stufige Reihen für konstanten CIELAB Buntton 290/360 = 0.806 (rechts)

BAM-Prüfvorlage TG98; Farbmimetrik-Systeme NCS11a & MRS18
D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: $olv^* setrgbcolor$
output: no change compared to input

Eingabe: Farbmimetrisches Reflexions-System NCS11

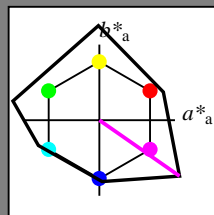
für Buntton $h^* = lab^*h = 325/360 = 0.903$

lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 44 129 325

rgb*Ma: 1.0 0.0 1.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50BMa | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| BMa | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50RMa | 44.06 | 106.09 | -73.93 | 129.32 | 325 |
| NMa | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| JCIE | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.45 | 13.59 | 44.59 | 162 |
| BCIE | 30.57 | 1.35 | -46.48 | 46.51 | 272 |

Dreiecks-Helligkeit t^*

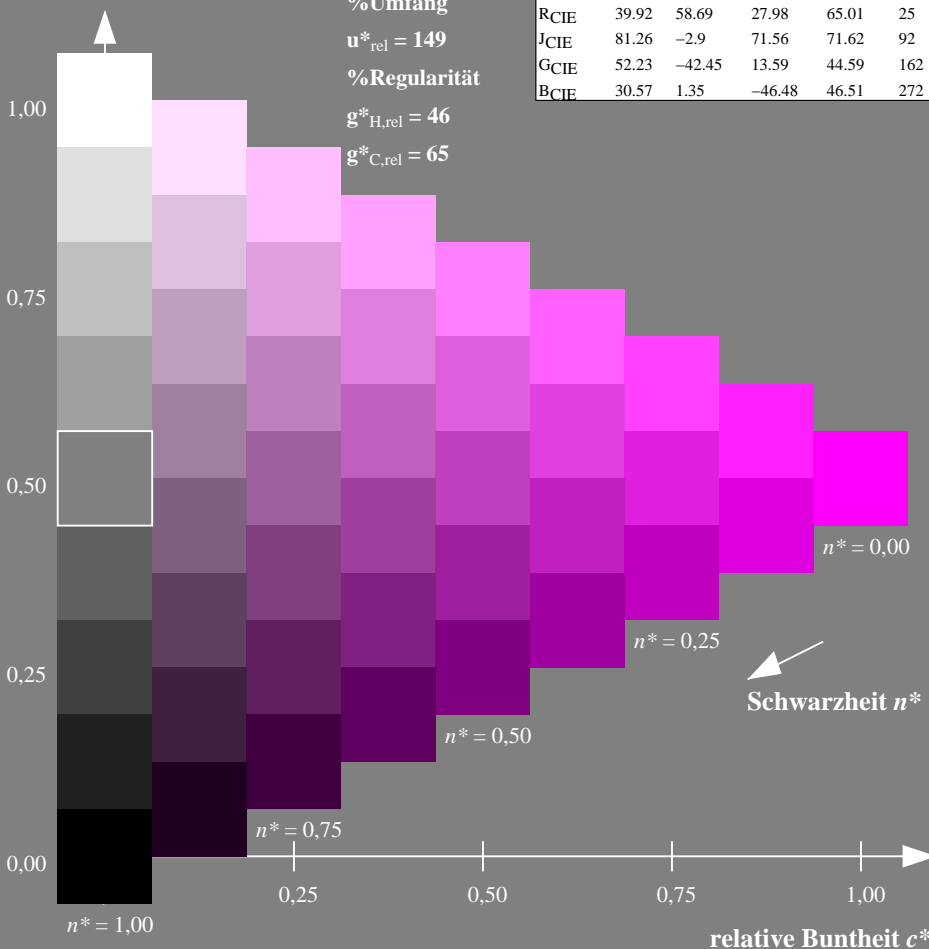
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmimetrisches Reflexions-System MRS18

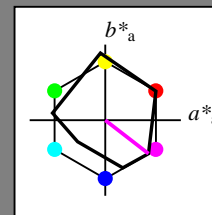
für Buntton $h^* = lab^*h = 322/360 = 0.895$

lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 35 72 322

rgb*Ma: 1.0 0.0 1.0



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| BMa | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50RMa | 34.94 | 57.17 | -44.26 | 72.31 | 322 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| JCIE | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.26 | 11.75 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Dreiecks-Helligkeit t^*

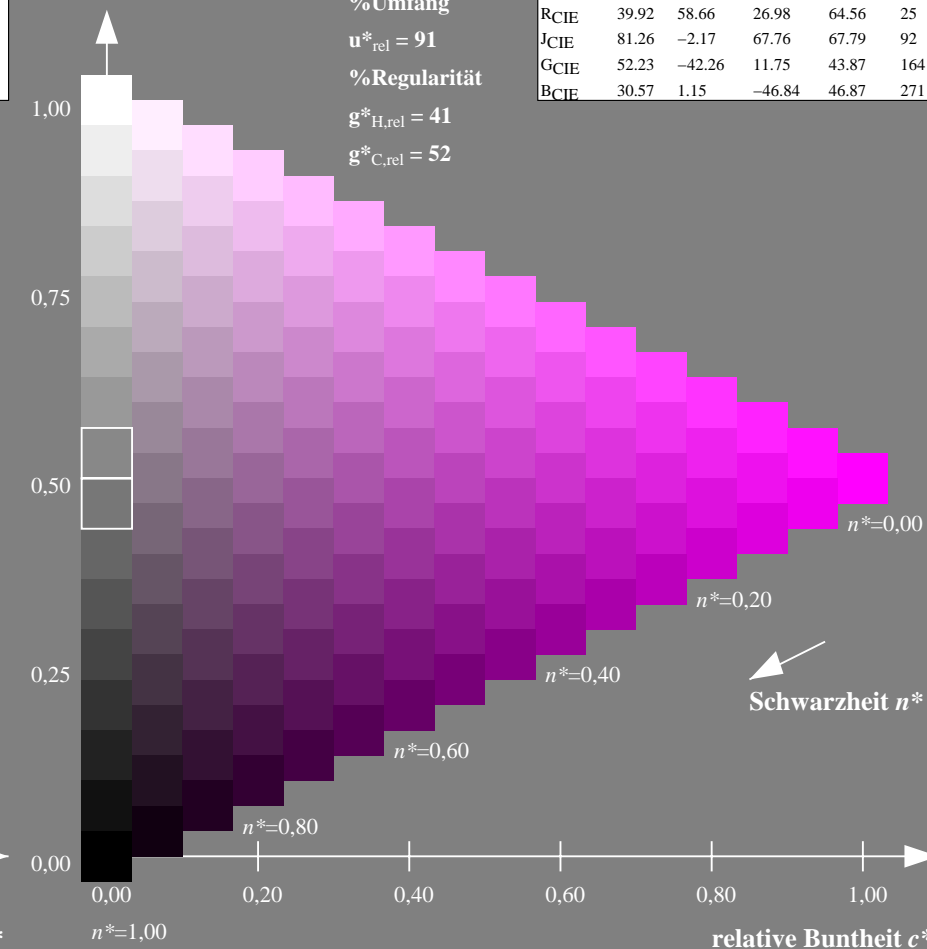
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (links)

16stufige Reihen für konstanten CIELAB Buntton 322/360 = 0.895 (rechts)

BAM-Prüfvorlage TG98; Farbmimetrik-Systeme NCS11a & MRS18

D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: $olv^* setrgbcolor$

output: no change compared to input

Eingabe: Farbmimetrisches Reflexions-System NCS11

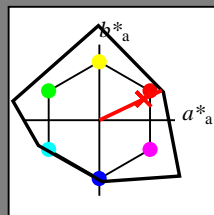
für Buntton $h^* = lab^*h = 25/360 = 0.071$

lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 91 25

rgb*Ma: 1.0 0.02 0.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50BMa | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| BMa | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50RMa | 44.06 | 106.09 | -73.93 | 129.32 | 325 |
| NMa | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| JCIE | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.45 | 13.59 | 44.59 | 162 |
| BCIE | 30.57 | 1.35 | -46.48 | 46.51 | 272 |

Dreiecks-Helligkeit t^*

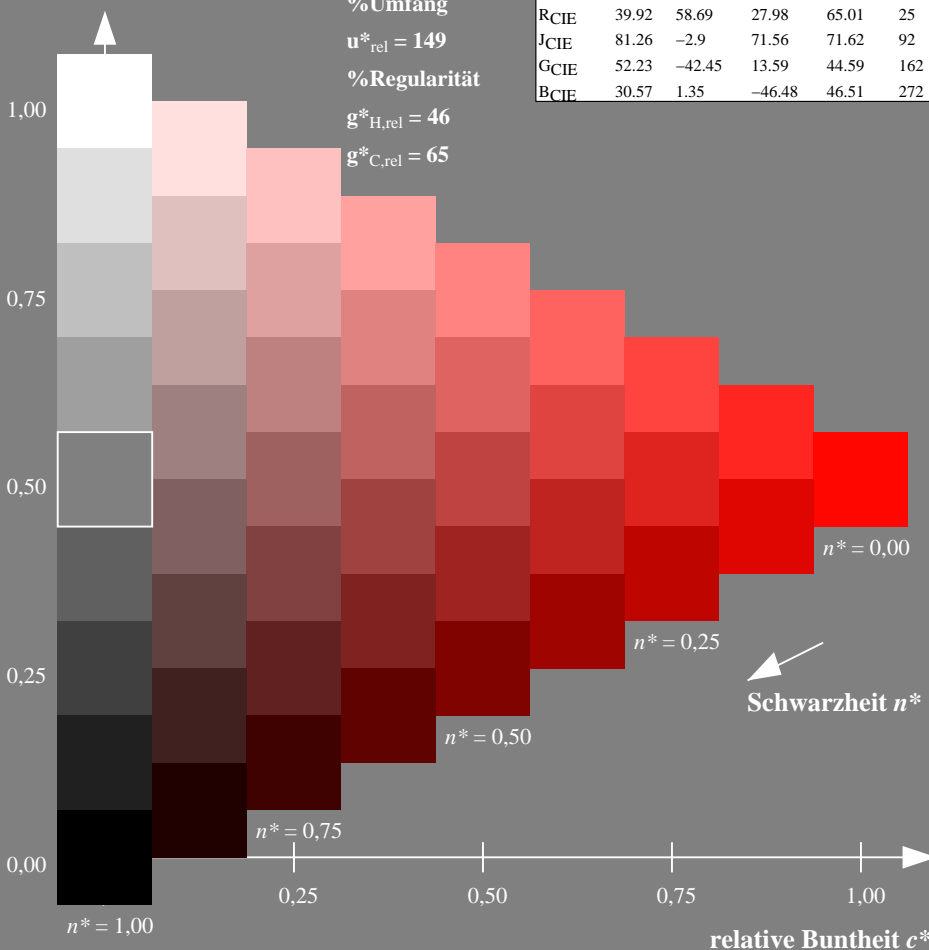
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmimetrisches Reflexions-System MRS18

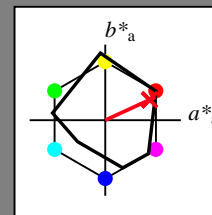
für Buntton $h^* = lab^*h = 25/360 = 0.069$

lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| BMa | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50RMa | 34.94 | 57.17 | -44.26 | 72.31 | 322 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| JCIE | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.26 | 11.75 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Dreiecks-Helligkeit t^*

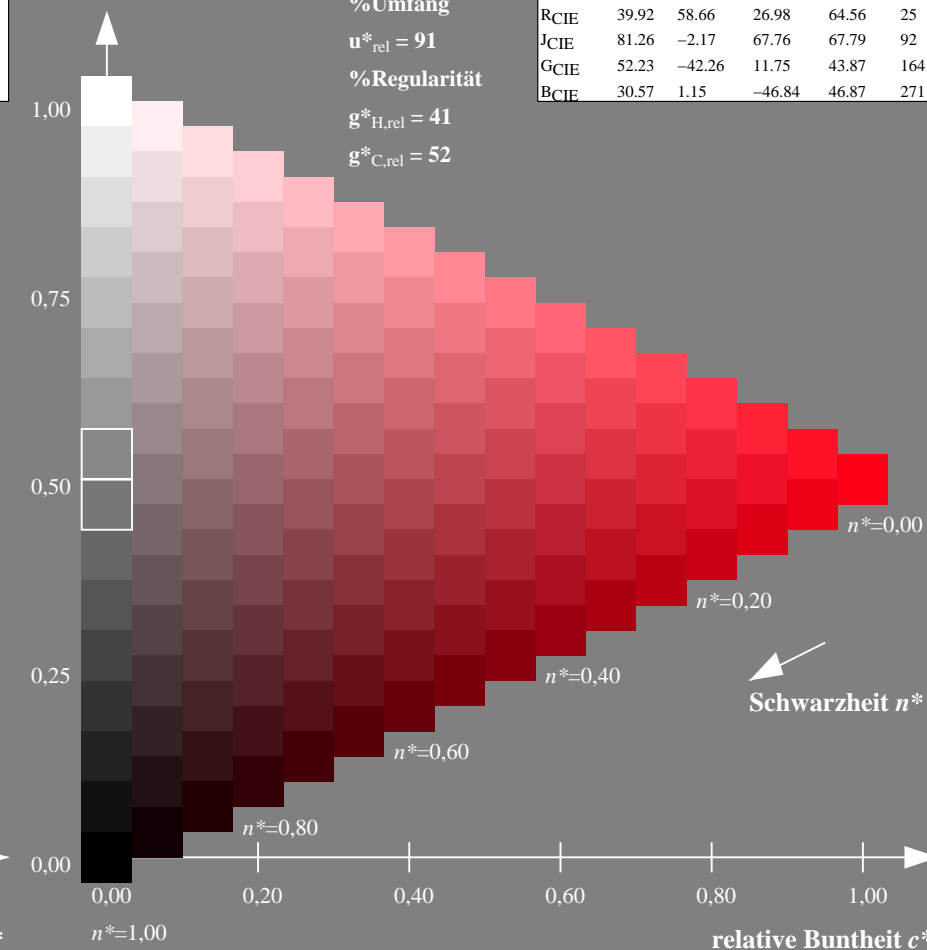
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

16stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

BAM-Prüfvorlage TG98; Farbmimetrik-Systeme NCS11a & MRS18

D65: 9 und 16stufige Farbreihen für 10 Bunttöne

Input: $olv^* setrgbcolor$

output: no change compared to input

Eingabe: Farbmimetrisches Reflexions-System NCS11

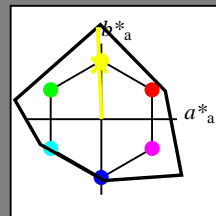
für Buntton $h^* = lab^*h = 92/360 = 0.256$

lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 90 122 92

rgb*Ma: 0.97 1.0 0.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50BMa | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| BMa | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50RMa | 44.06 | 106.09 | -73.93 | 129.32 | 325 |
| NMa | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| JCIE | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.45 | 13.59 | 44.59 | 162 |
| BCIE | 30.57 | 1.35 | -46.48 | 46.51 | 272 |

Dreiecks-Helligkeit t^*

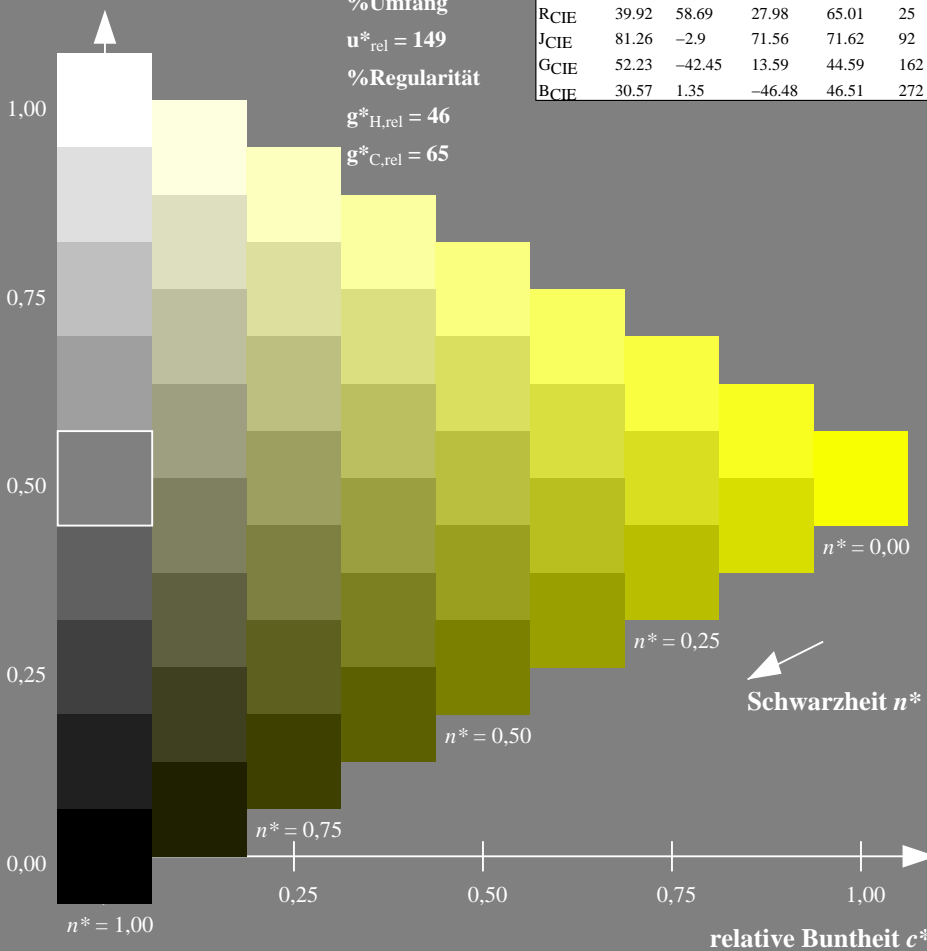
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmimetrisches Reflexions-System MRS18

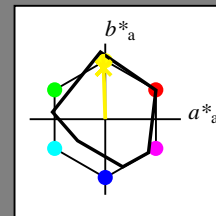
für Buntton $h^* = lab^*h = 92/360 = 0.255$

lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| BMa | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50RMa | 34.94 | 57.17 | -44.26 | 72.31 | 322 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| JCIE | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.26 | 11.75 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Dreiecks-Helligkeit t^*

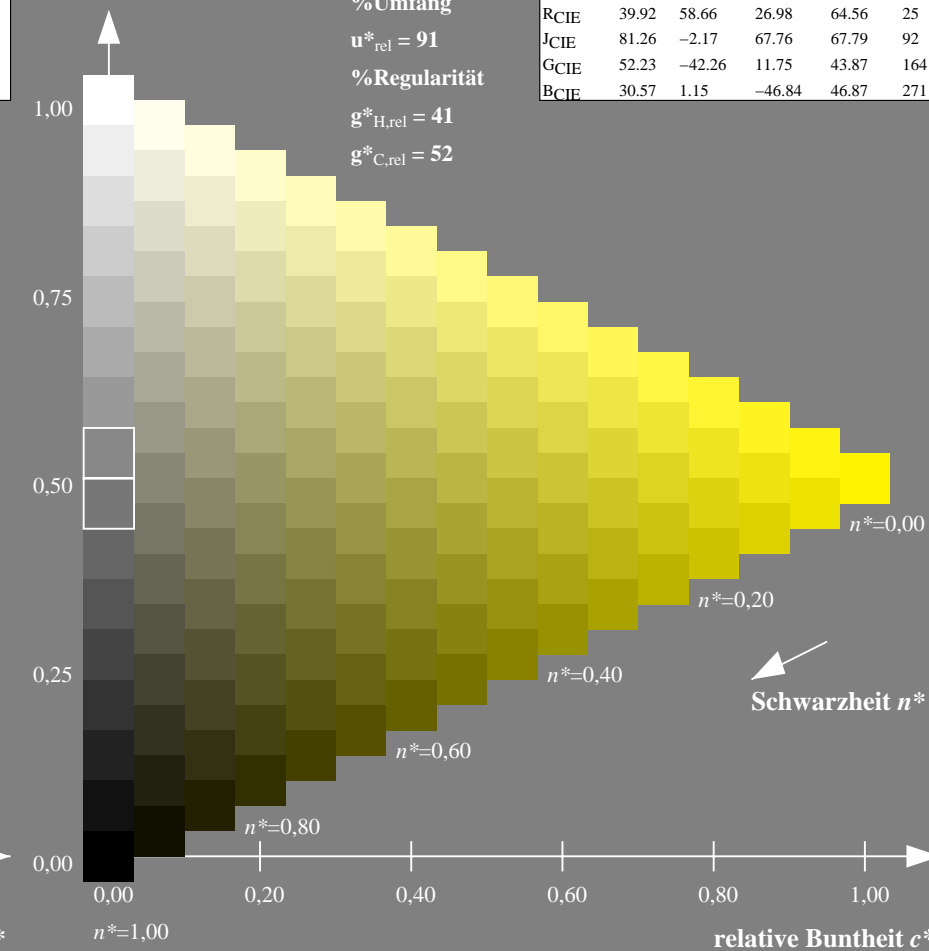
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

16stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage TG98; Farbmimetrik-Systeme NCS11a & MRS18

D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: $olv^* setrgbcolor$

output: no change compared to input

Eingabe: Farbmimetrisches Reflexions-System NCS11

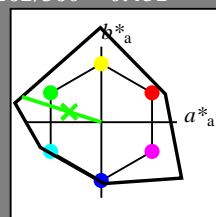
für Buntton $h^* = lab^*h = 162/360 = 0.451$

lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 65 110 162

rgb*Ma: 0.08 1.0 0.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50BMa | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| BMa | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50RMa | 44.06 | 106.09 | -73.93 | 129.32 | 325 |
| NMa | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| JCIE | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.45 | 13.59 | 44.59 | 162 |
| BCIE | 30.57 | 1.35 | -46.48 | 46.51 | 272 |

Dreiecks-Helligkeit t^*

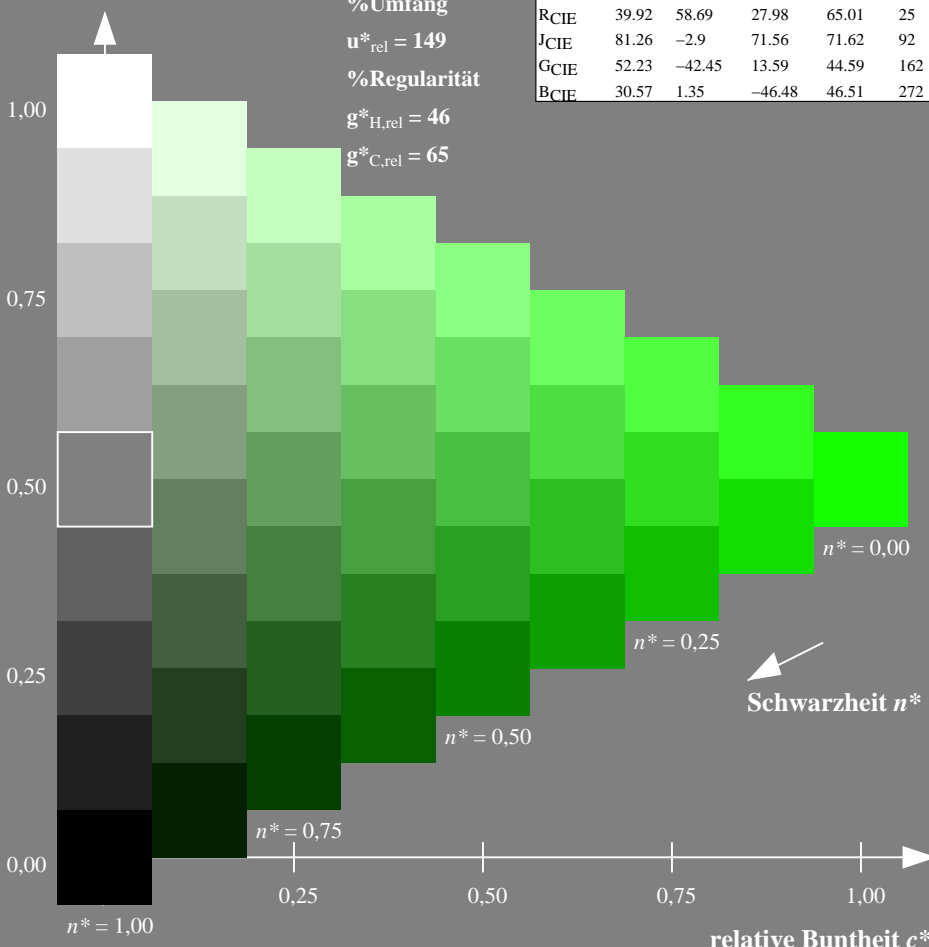
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmimetrisches Reflexions-System MRS18

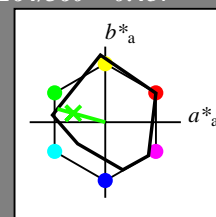
für Buntton $h^* = lab^*h = 164/360 = 0.457$

lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 56 66 164

rgb*Ma: 0.1 1.0 0.0



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| BMa | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50RMa | 34.94 | 57.17 | -44.26 | 72.31 | 322 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| JCIE | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.26 | 11.75 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Dreiecks-Helligkeit t^*

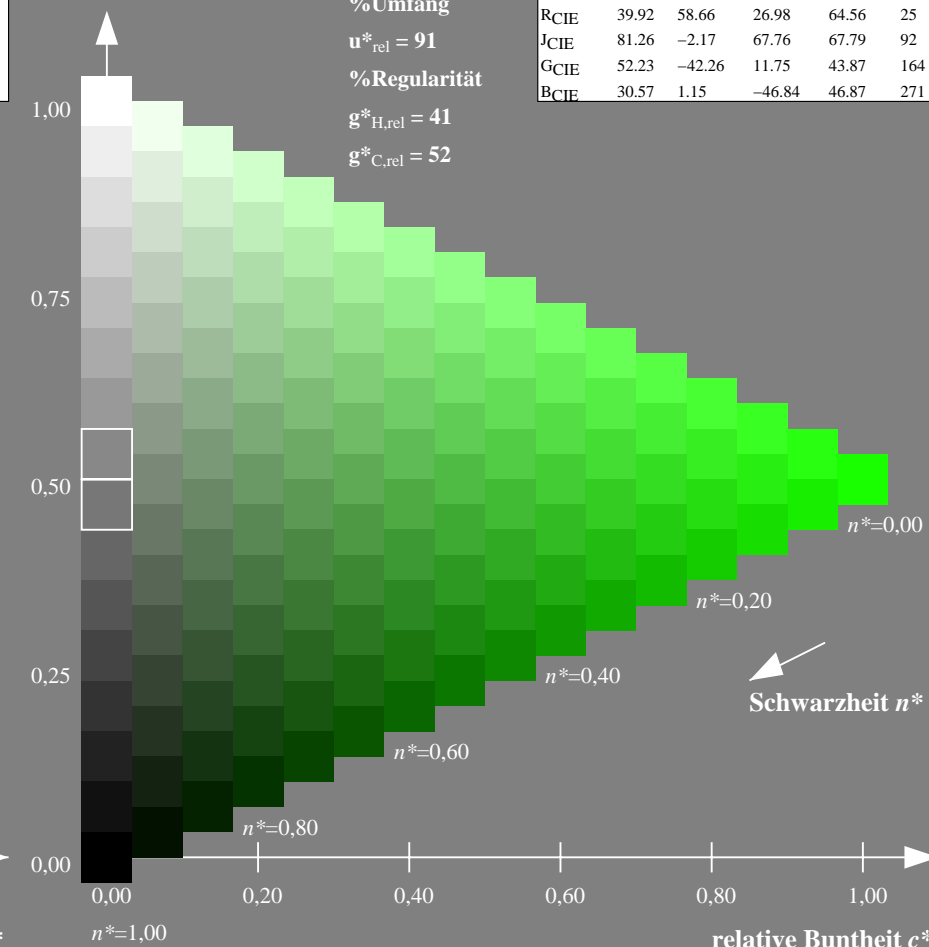
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

16stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

BAM-Prüfvorlage TG98; Farbmimetrik-Systeme NCS11a & MRS18

D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: $olv^* setrgbcolor$

output: no change compared to input

Eingabe: Farbmimetrisches Reflexions-System NCS11

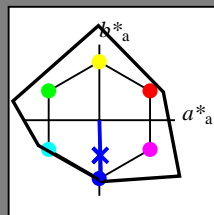
für Buntton $h^* = lab^*h = 272/360 = 0.755$

lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 49 80 272

rgb*Ma: 0.0 0.02 1.0



| NCS11; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 47.15 | 84.64 | 37.25 | 92.48 | 24 |
| JMa | 91.37 | -1.27 | 125.03 | 125.03 | 91 |
| GMa | 63.07 | -114.28 | 25.35 | 117.06 | 167 |
| G50BMa | 59.47 | -80.6 | -33.45 | 87.28 | 203 |
| BMa | 49.01 | 3.65 | -81.19 | 81.28 | 273 |
| B50RMa | 44.06 | 106.09 | -73.93 | 129.32 | 325 |
| NMa | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| JCIE | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.45 | 13.59 | 44.59 | 162 |
| BCIE | 30.57 | 1.35 | -46.48 | 46.51 | 272 |

Dreiecks-Helligkeit t^*

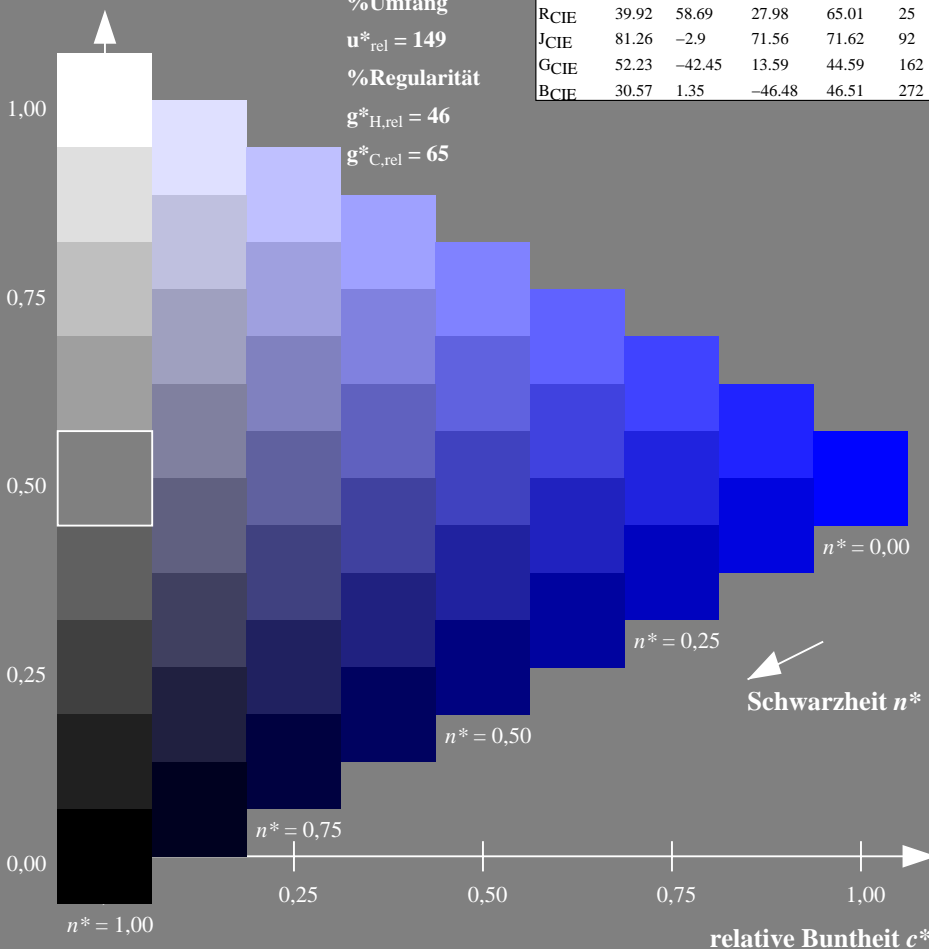
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



Ausgabe: Farbmimetrisches Reflexions-System MRS18

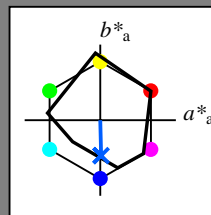
für Buntton $h^* = lab^*h = 271/360 = 0.754$

lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0



| MRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| RMa | 49.63 | 66.96 | 38.37 | 77.18 | 30 |
| JMa | 90.7 | -6.36 | 88.75 | 88.98 | 94 |
| GMa | 52.11 | -69.73 | 9.44 | 70.37 | 172 |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36 | 218 |
| BMa | 36.65 | 23.19 | -63.05 | 67.18 | 290 |
| B50RMa | 34.94 | 57.17 | -44.26 | 72.31 | 322 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| JCIE | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.26 | 11.75 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Dreiecks-Helligkeit t^*

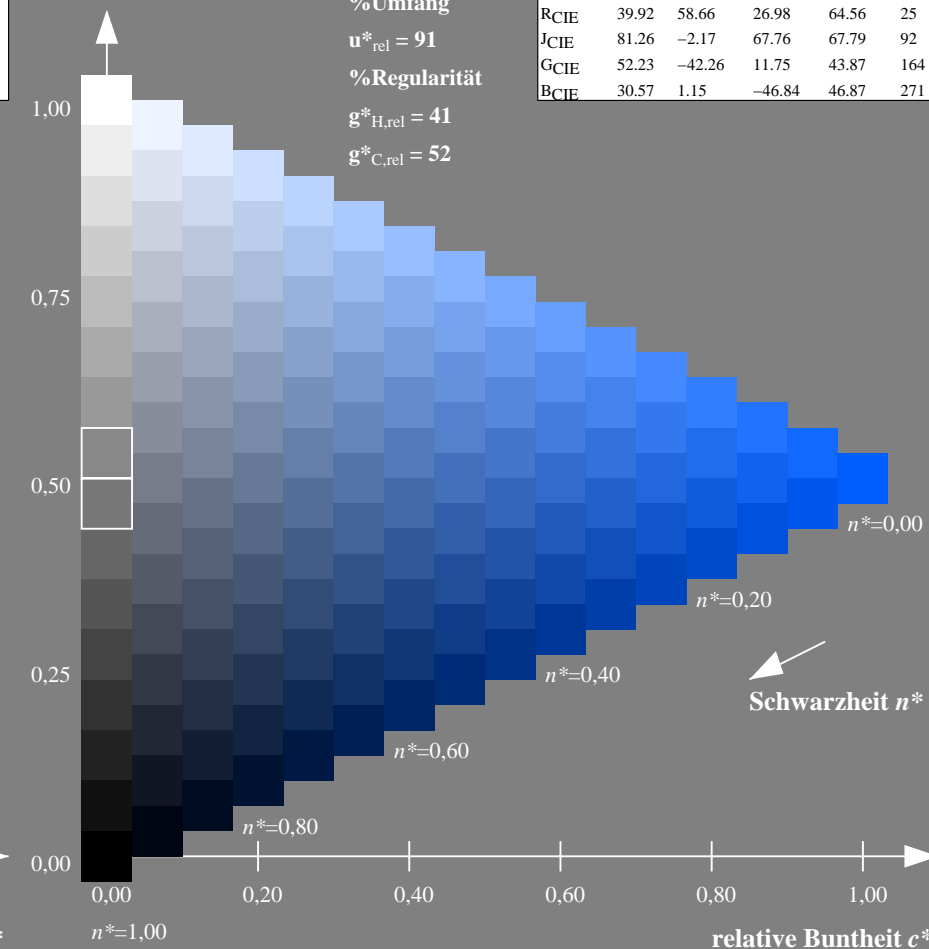
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



TG980-7, 9stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

16stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (rechts)

BAM-Prüfvorlage TG98; Farbmimetrik-Systeme NCS11a & MRS18

D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: $olv^* setrgbcolor$

output: no change compared to input