

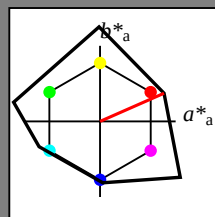
## Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton  $h^* = lab \cdot h = 24/360 = 0.066$  $lab \cdot ich$  und  $lab \cdot nch$ 

D65: Buntton R

LCH\*Ma: 47 92 24

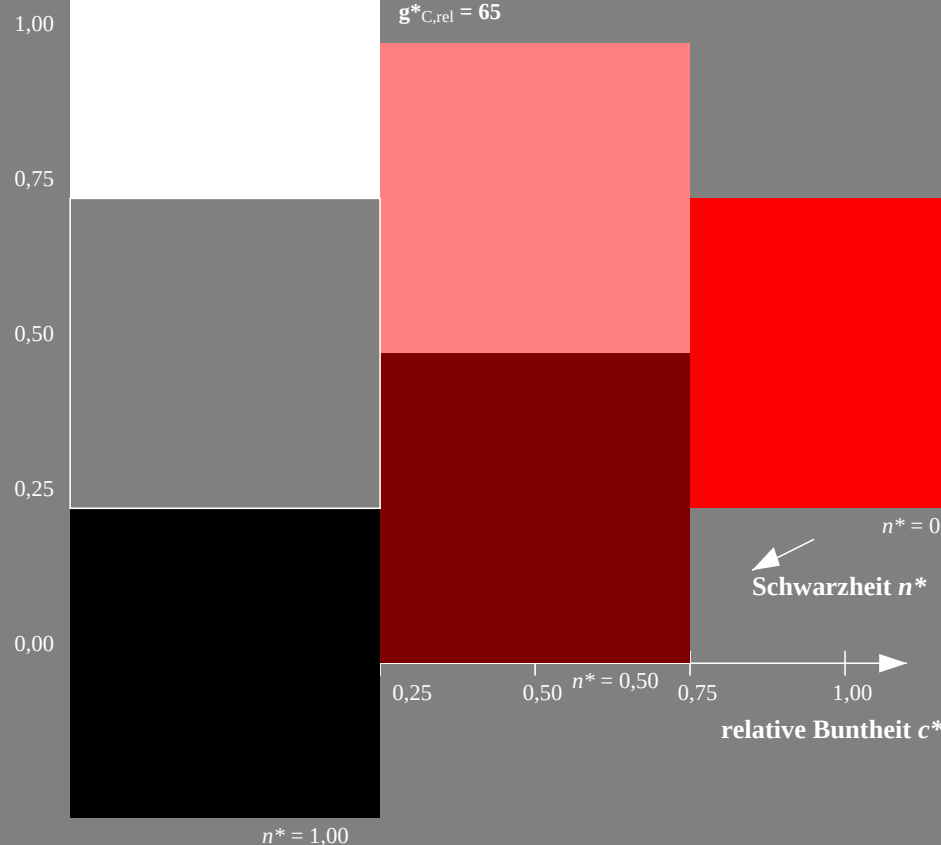
rgb\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

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



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (links)

BAM-Prüfvorlage TG89; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

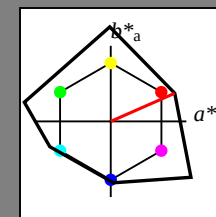
## Ausgabe: Farbmetrisches Reflexions-System NCS11

für Buntton  $h^* = lab \cdot h = 24/360 = 0.066$  $lab \cdot ich$  und  $lab \cdot nch$ 

D65: Buntton R

LCH\*Ma: 47 92 24

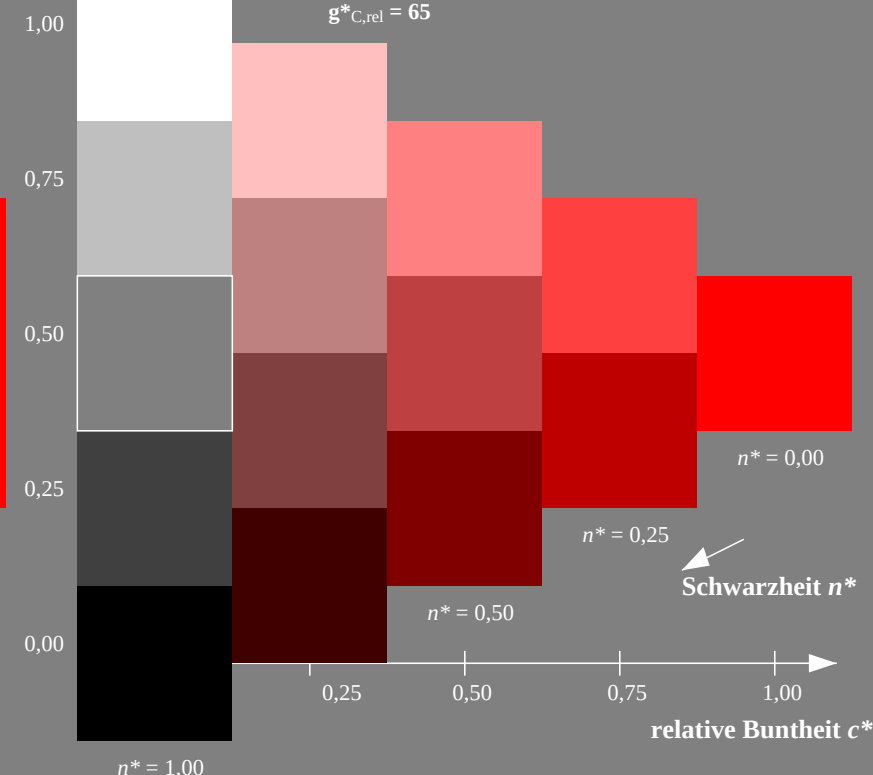
rgb\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

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



5stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (rechts)

output: Startup (S) data dependend

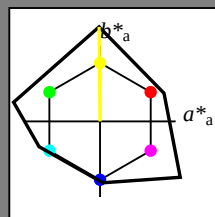
## Eingabe: Farbmatisches Reflexions-System NCS11

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

D65: Buntton J

LCH\*Ma: 91 125 91

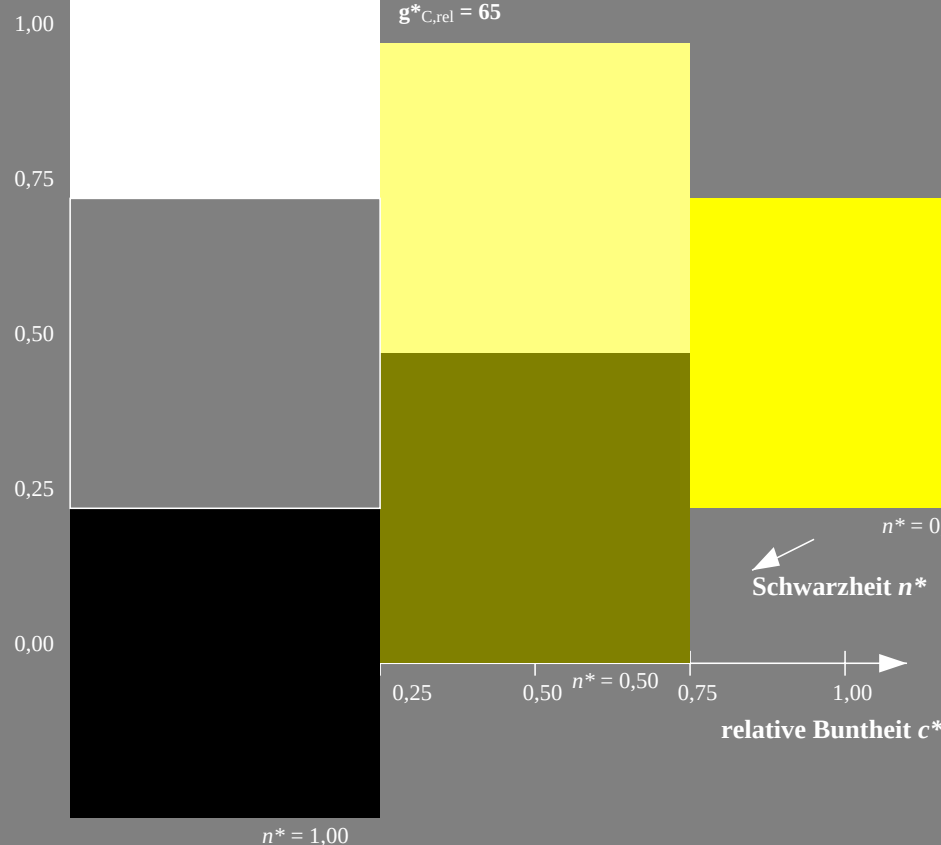
rgb\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

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



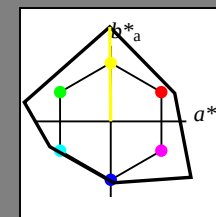
## Ausgabe: Farbmatisches Reflexions-System NCS11

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

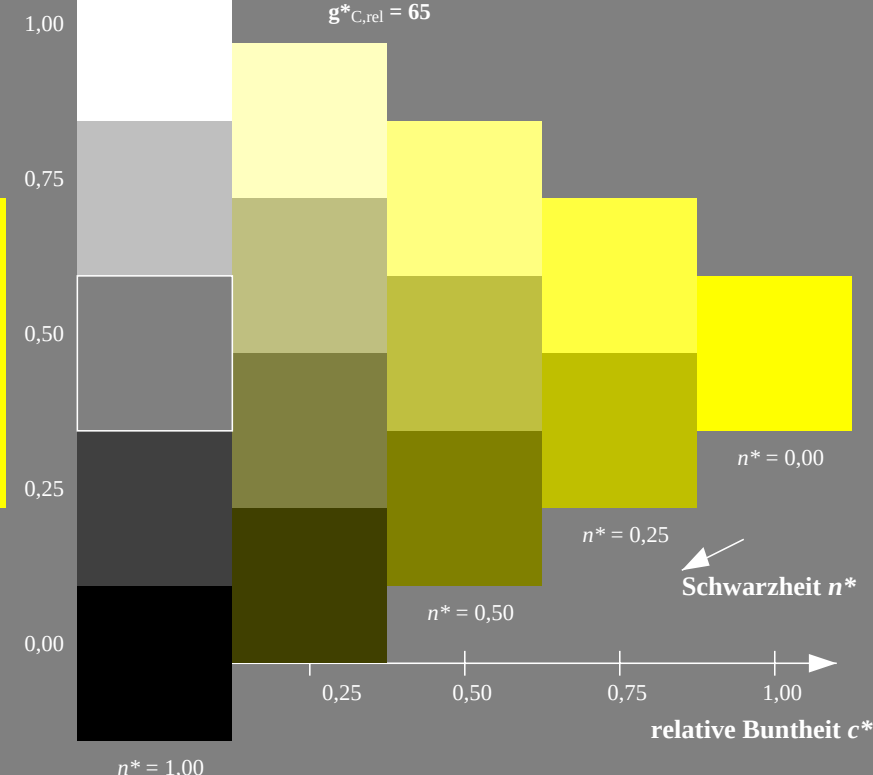
D65: Buntton J

LCH\*Ma: 91 125 91

rgb\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.252 (links)

5stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.252 (rechts)

BAM-Prüfvorlage TG89; Farbmatrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

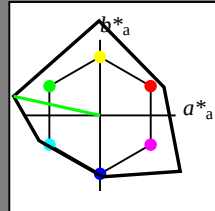
Eingabe: Farbmetrisches Reflexions-System NCS11

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

D65: Buntton G

LCH\*Ma: 63 117 167

rgb\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

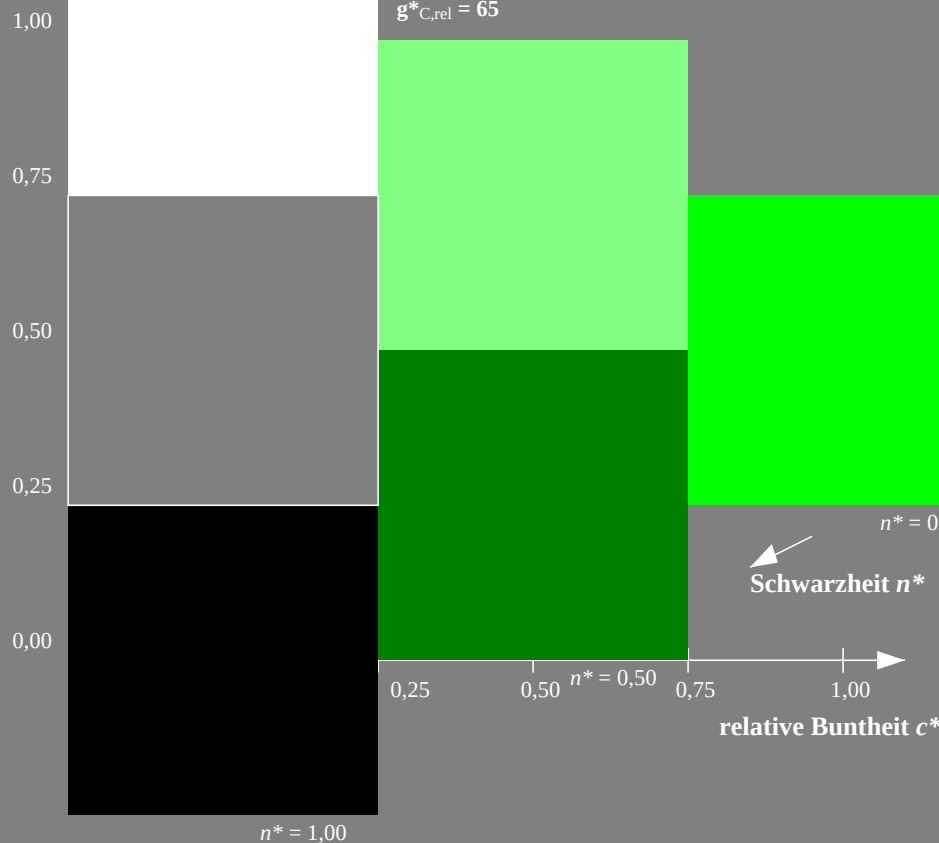
 $u^*_{rel} = 149$ 

%Regularität

 $g^*_{H,rel} = 46$  $g^*_{C,rel} = 65$ 

NCS11; adaptierte CIELAB-Daten

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



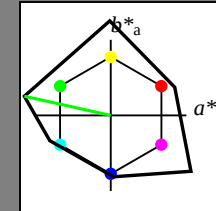
Ausgabe: Farbmetrisches Reflexions-System NCS11

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

D65: Buntton G

LCH\*Ma: 63 117 167

rgb\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

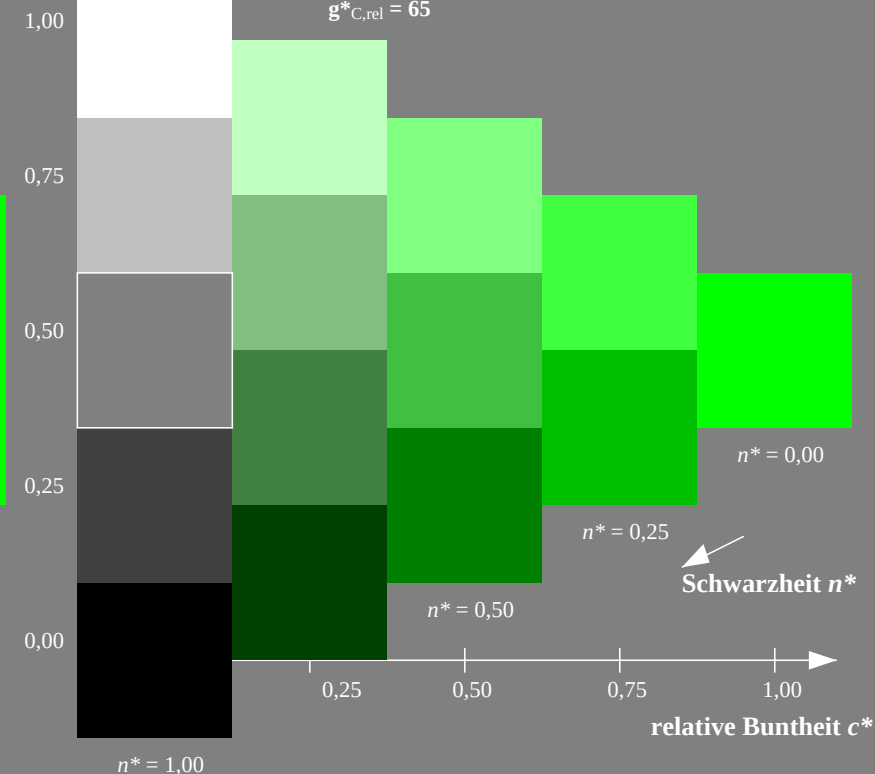
 $u^*_{rel} = 149$ 

%Regularität

 $g^*_{H,rel} = 46$  $g^*_{C,rel} = 65$ 

NCS11; adaptierte CIELAB-Daten

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



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.465 (links)

5stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.465 (rechts)

BAM-Prüfvorlage TG89; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

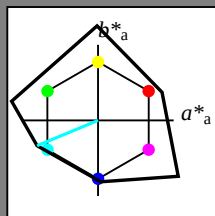
## Eingabe: Farbmatisches Reflexions-System NCS11

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

D65: Buntton G50B

LCH\*Ma: 59 87 203

rgb\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

|                    | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------------------|-------------|---------|---------|--------------|--------------|
| 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 <sub>Ma</sub> | 59.47       | -80.6   | -33.45  | 87.28        | 203          |
| B <sub>Ma</sub>    | 49.01       | 3.65    | -81.19  | 81.28        | 273          |
| B50R <sub>Ma</sub> | 44.06       | 106.09  | -73.93  | 129.32       | 325          |
| N <sub>Ma</sub>    | 10.99       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>    | 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          |

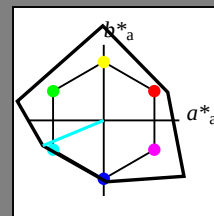
## Ausgabe: Farbmatisches Reflexions-System NCS11

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

D65: Buntton G50B

LCH\*Ma: 59 87 203

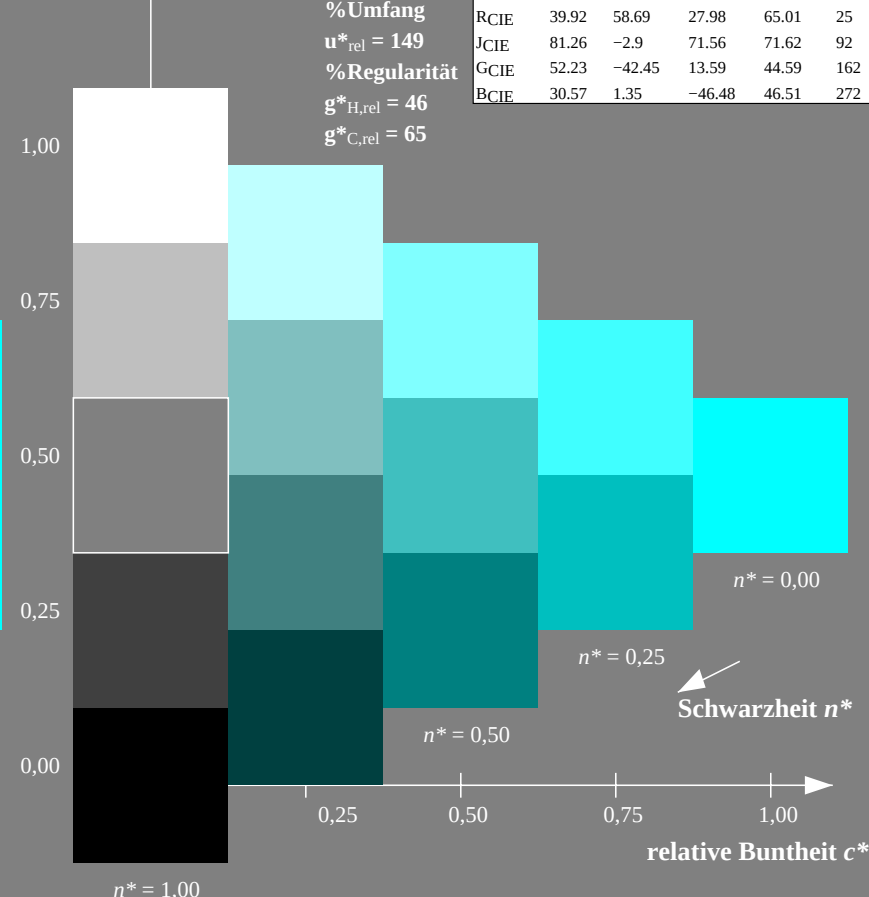
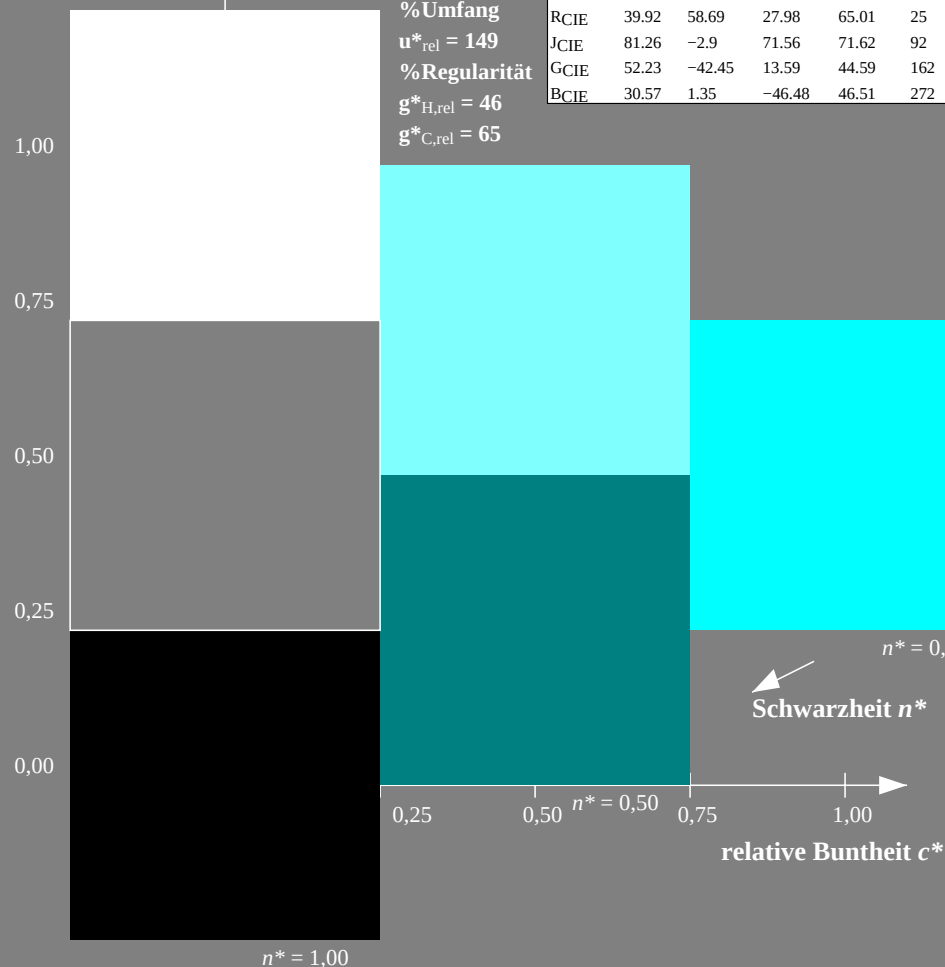
rgb\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

|                    | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------------------|-------------|---------|---------|--------------|--------------|
| 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 <sub>Ma</sub> | 59.47       | -80.6   | -33.45  | 87.28        | 203          |
| B <sub>Ma</sub>    | 49.01       | 3.65    | -81.19  | 81.28        | 273          |
| B50R <sub>Ma</sub> | 44.06       | 106.09  | -73.93  | 129.32       | 325          |
| N <sub>Ma</sub>    | 10.99       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>    | 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          |



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.563 (links)

5stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.563 (rechts)

BAM-Prüfvorlage TG89; Farbmatrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

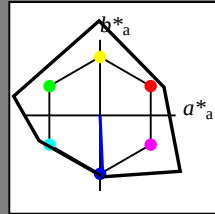
## Eingabe: Farbmetrisches Reflexions-System NCS11

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

D65: Buntton B

LCH\*Ma: 49 81 273

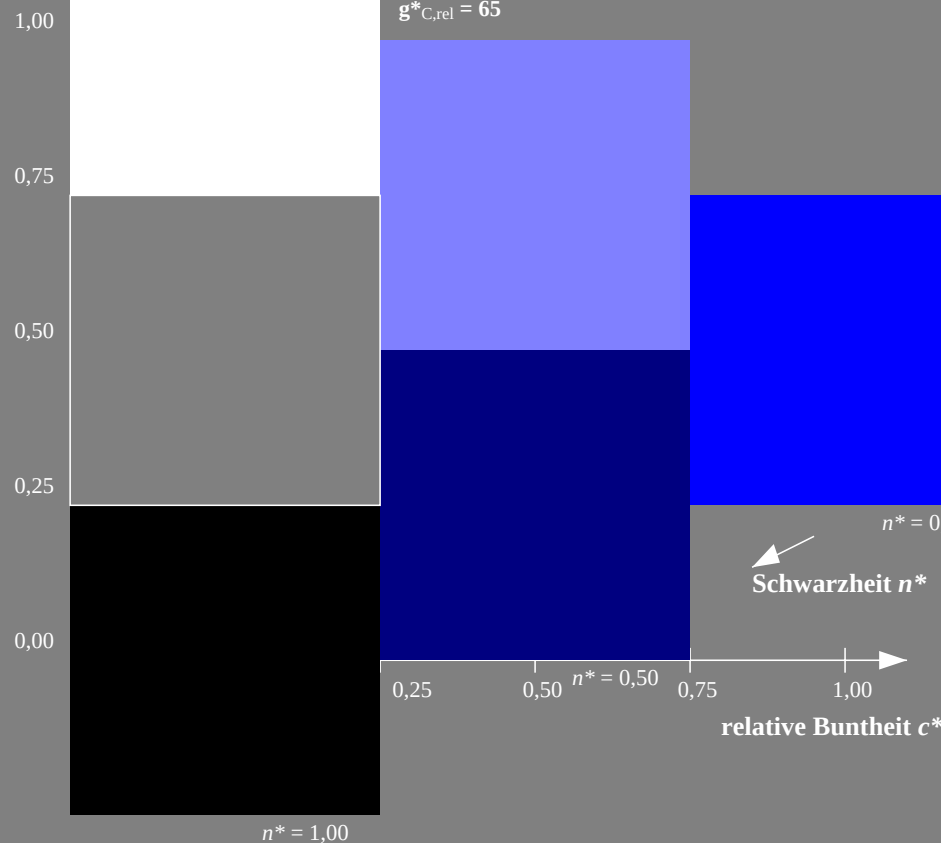
rgb\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

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



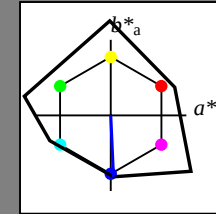
## Ausgabe: Farbmetrisches Reflexions-System NCS11

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

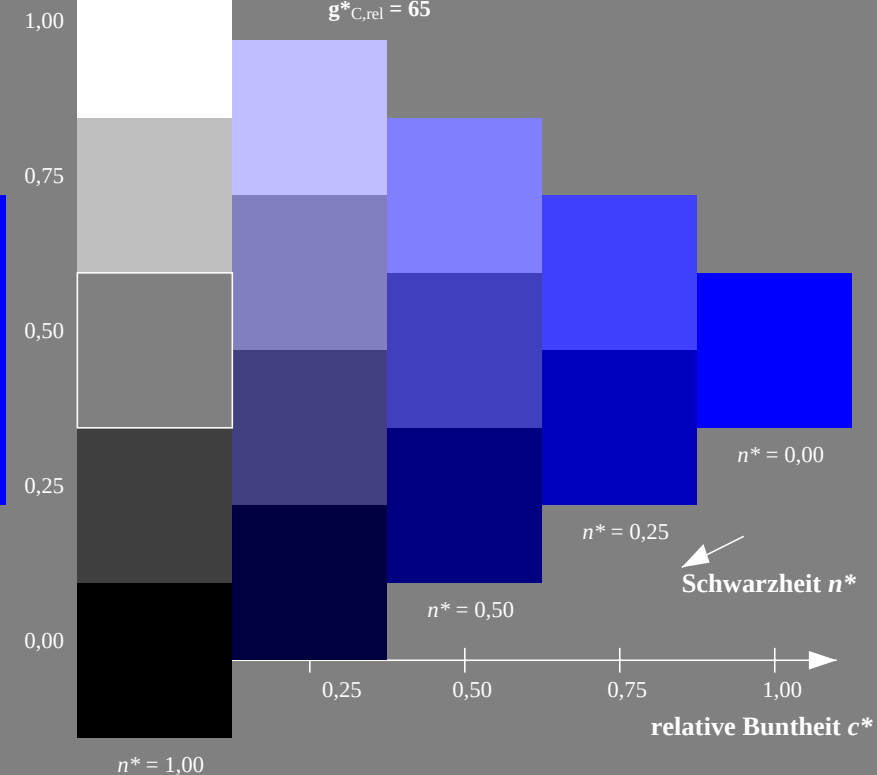
D65: Buntton B

LCH\*Ma: 49 81 273

rgb\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.757 (links)

5stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.757 (rechts)

BAM-Prüfvorlage TG89; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

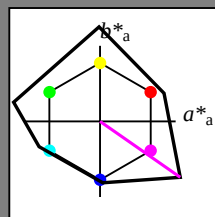
## Eingabe: Farbmatisches Reflexions-System NCS11

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

D65: Buntton B50R

LCH\*Ma: 44 129 325

rgb\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

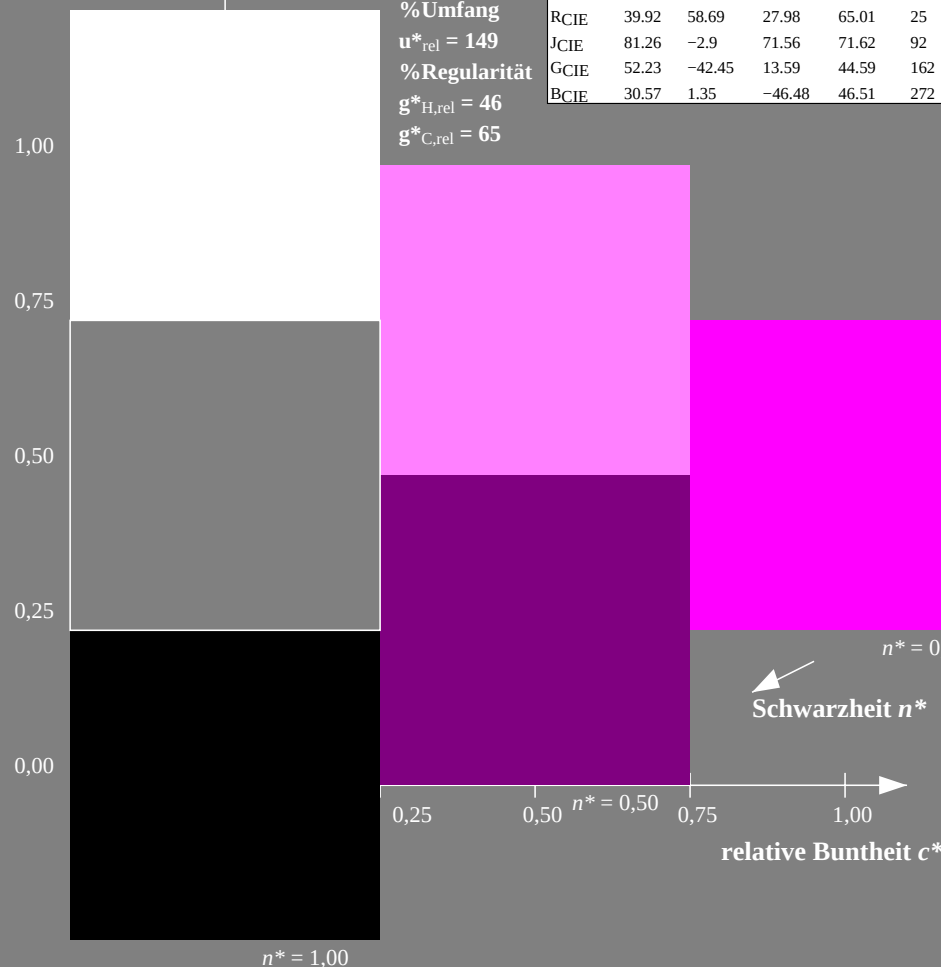
 $u^*_{rel} = 149$ 

%Regularität

 $g^*_{H,rel} = 46$  $g^*_{C,rel} = 65$ 

## NCS11; adaptierte CIELAB-Daten

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



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (links)

BAM-Prüfvorlage TG89; Farbmatisches System ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

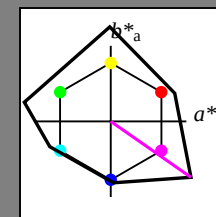
## Ausgabe: Farbmatisches Reflexions-System NCS11

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

D65: Buntton B50R

LCH\*Ma: 44 129 325

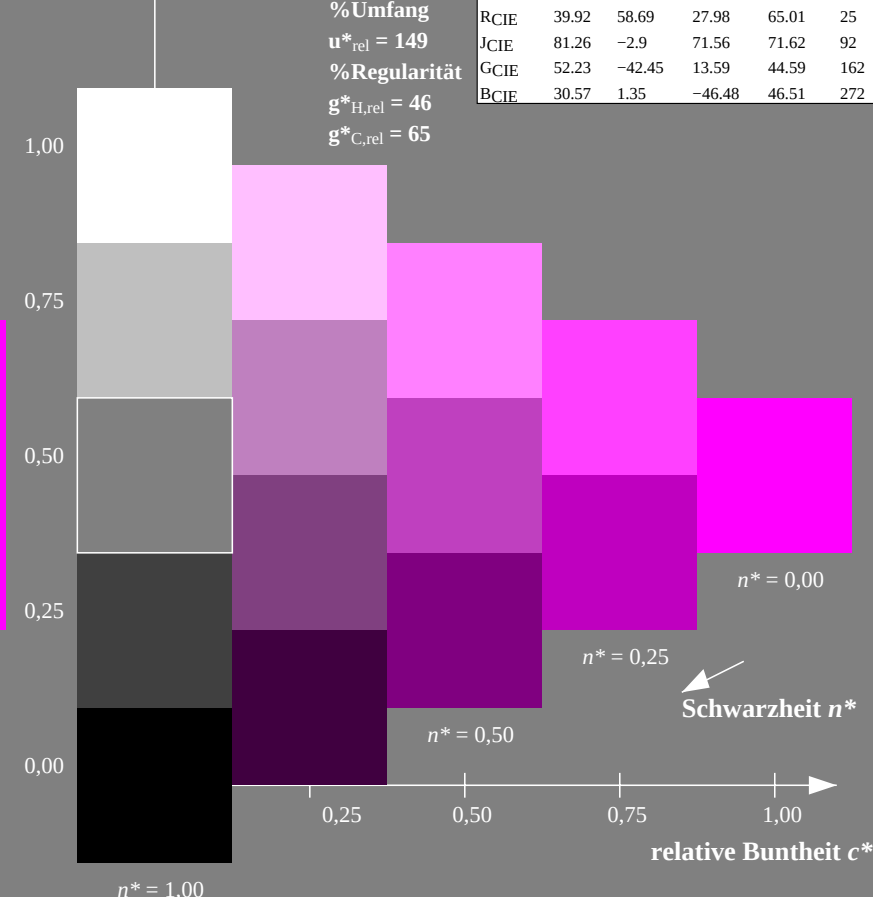
rgb\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 149$ 

%Regularität

 $g^*_{H,rel} = 46$  $g^*_{C,rel} = 65$ 

5stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (rechts)

output: Startup (S) data dependend

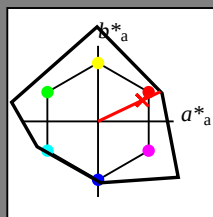
## Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton  $h^* = lab \cdot h = 25/360 = 0.071$  $lab \cdot ich$  und  $lab \cdot nch$ 

D65: Buntton R

LCH\*Ma: 48 91 25

rgb\*Ma: 1.0 0.02 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

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

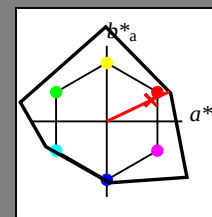
## Ausgabe: Farbmetrisches Reflexions-System NCS11

für Buntton  $h^* = lab \cdot h = 25/360 = 0.071$  $lab \cdot ich$  und  $lab \cdot nch$ 

D65: Buntton R

LCH\*Ma: 48 91 25

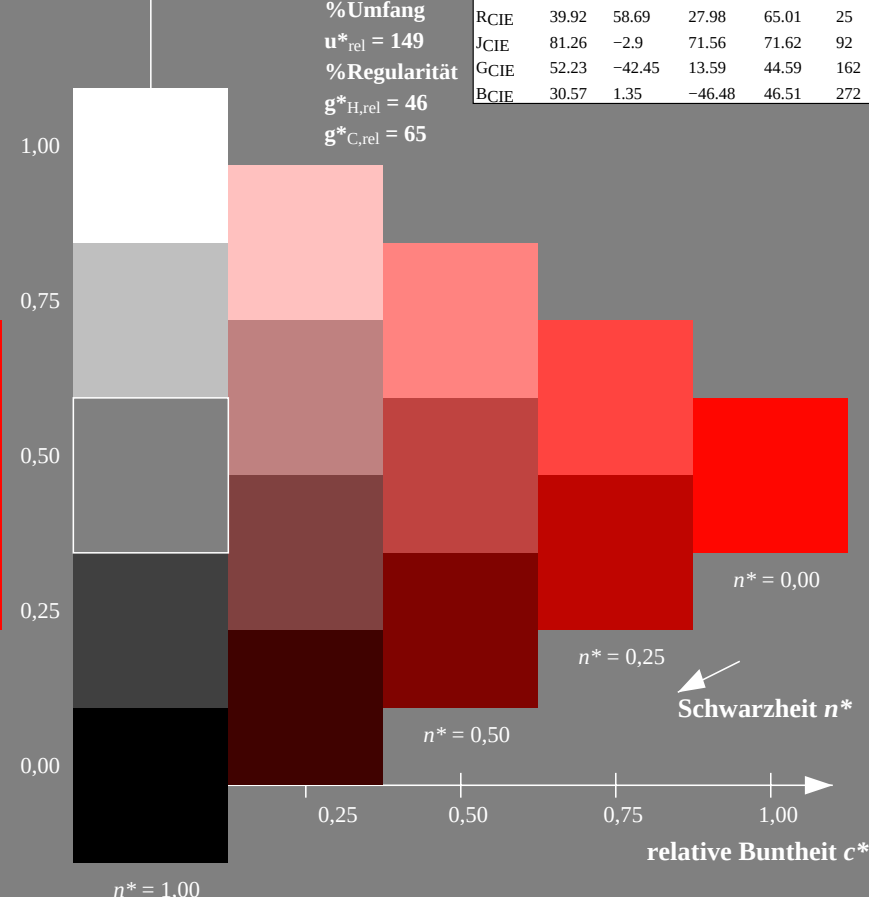
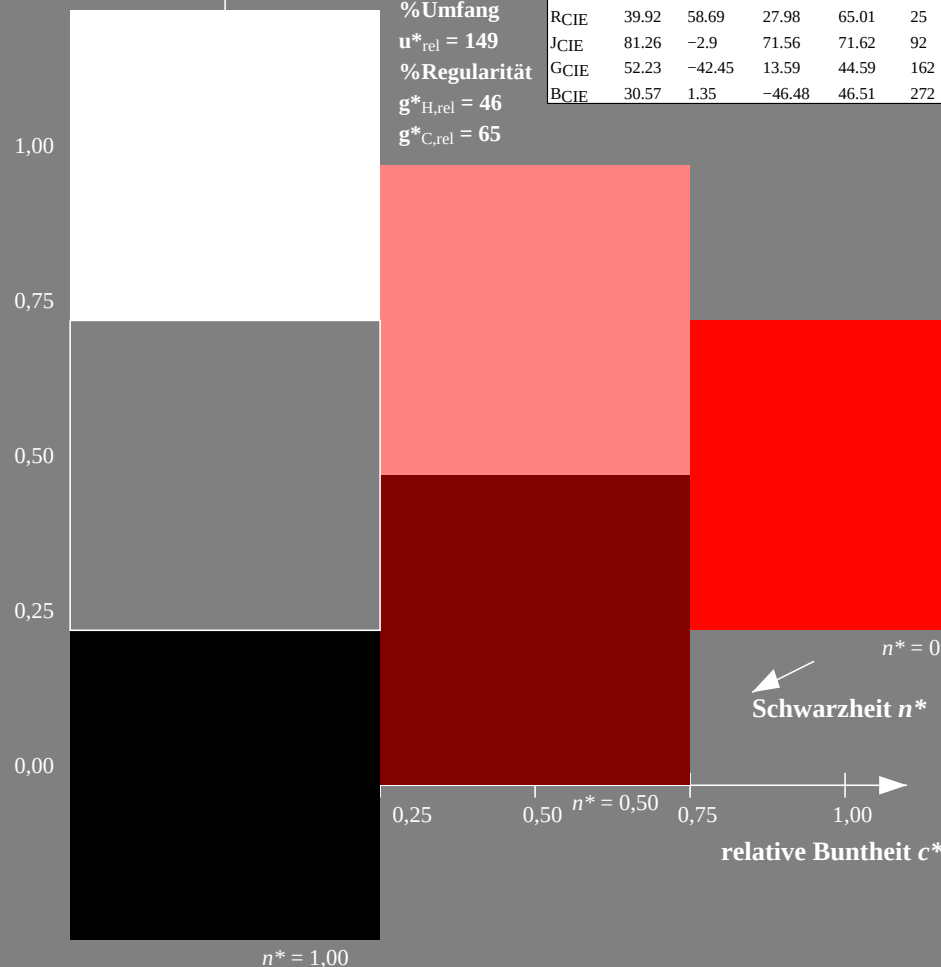
rgb\*Ma: 1.0 0.02 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

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



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

5stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

BAM-Prüfvorlage TG89; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend



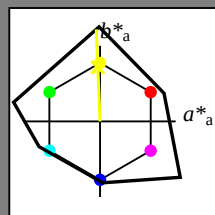
## Eingabe: Farbmatisches Reflexions-System NCS11

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

D65: Buntton J

LCH\*Ma: 90 122 92

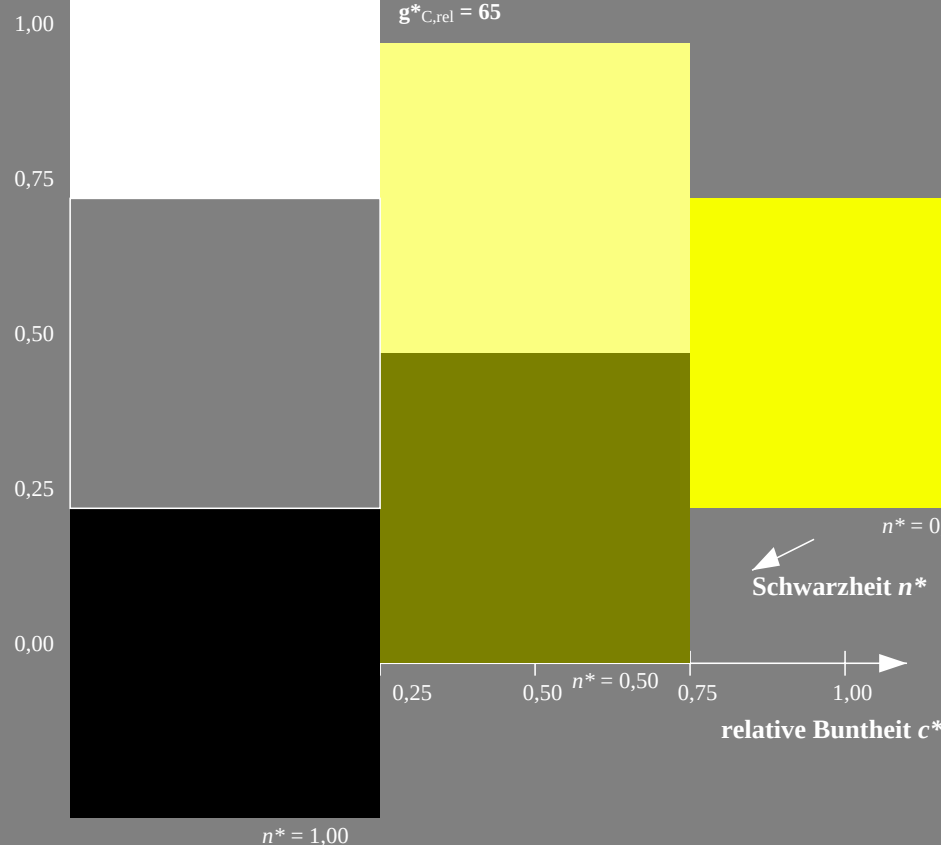
rgb\*Ma: 0.97 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

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



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

BAM-Prüfvorlage TG89; Farbmatisches Reflexions-System NCS11

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

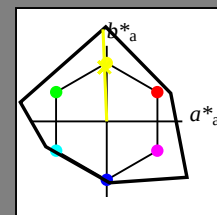
## Ausgabe: Farbmatisches Reflexions-System NCS11

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

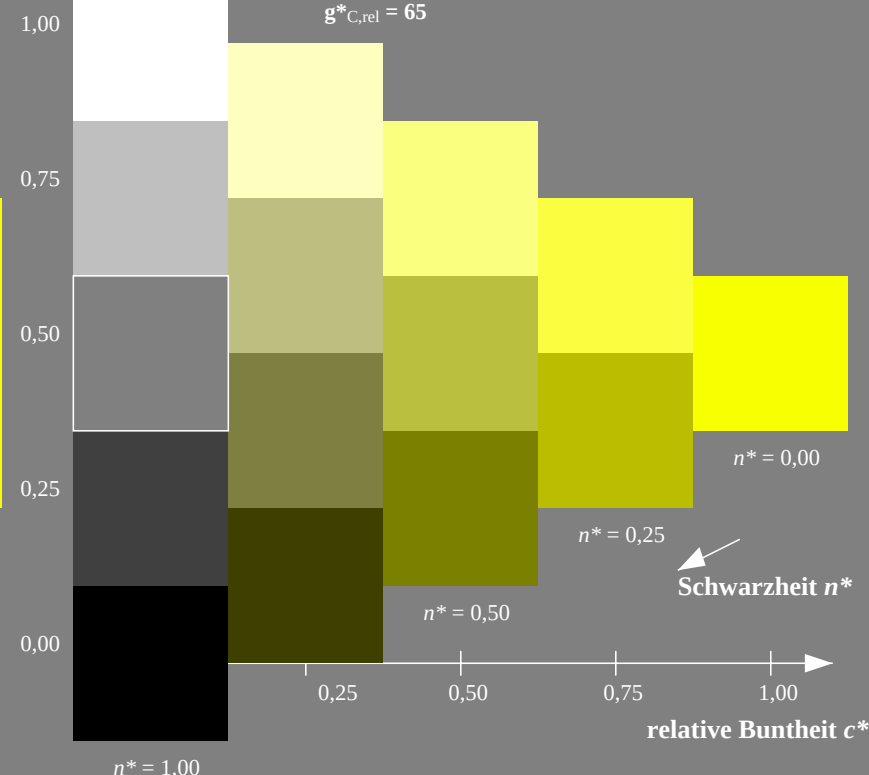
D65: Buntton J

LCH\*Ma: 90 122 92

rgb\*Ma: 0.97 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$



5stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage TG89; Farbmatisches Reflexions-System NCS11  
D65: 3 und 5stufige Farbreihen für 10 Bunttöne  
output: Startup (S) data dependend



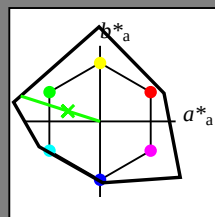
## Eingabe: Farbmatisches Reflexions-System NCS11

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

D65: Buntton G

LCH\*Ma: 65 110 162

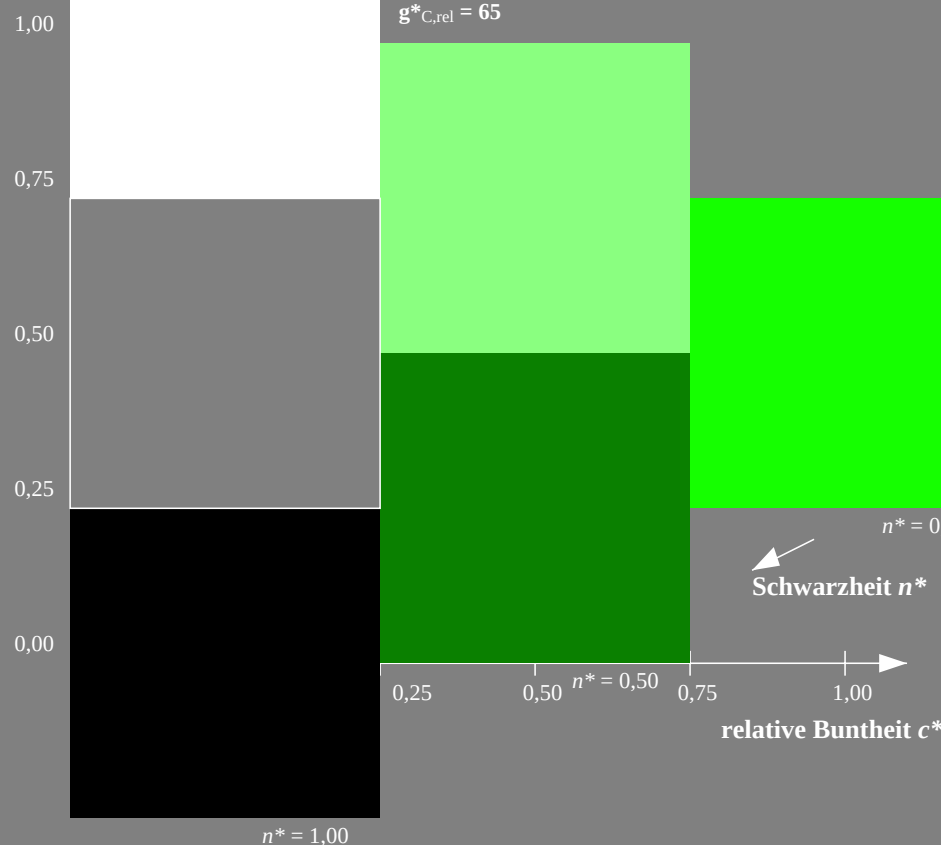
rgb\*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

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



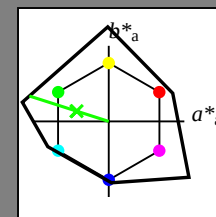
## Ausgabe: Farbmatisches Reflexions-System NCS11

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

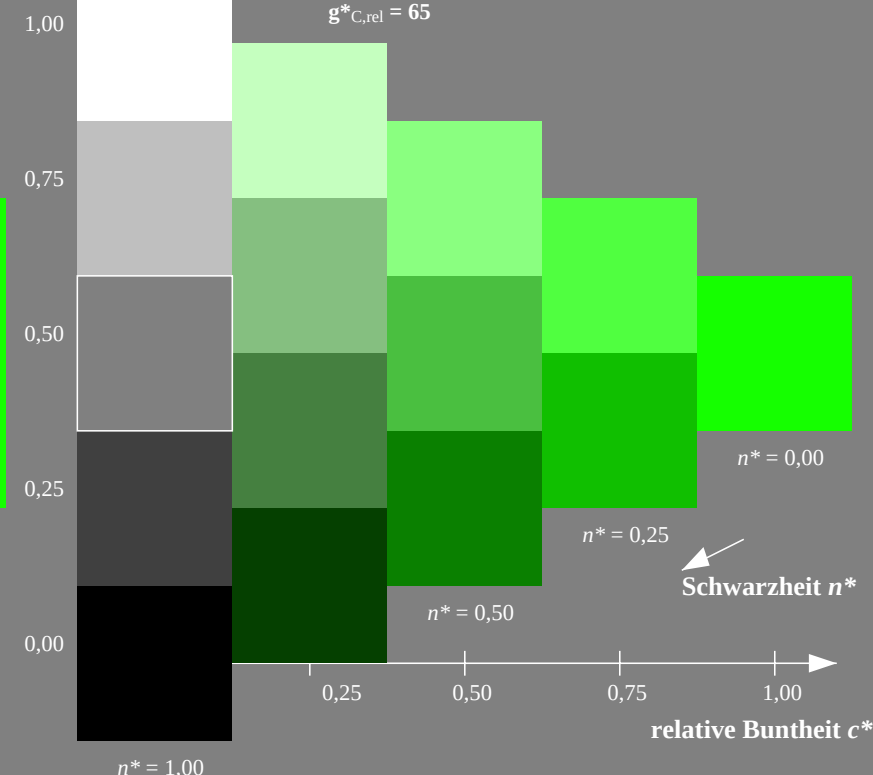
D65: Buntton G

LCH\*Ma: 65 110 162

rgb\*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

5stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (rechts)

BAM-Prüfvorlage TG89; Farbmatrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

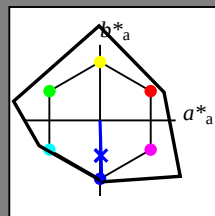
## Eingabe: Farbmetrisches Reflexions-System NCS11

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

D65: Buntton B

LCH\*Ma: 49 80 272

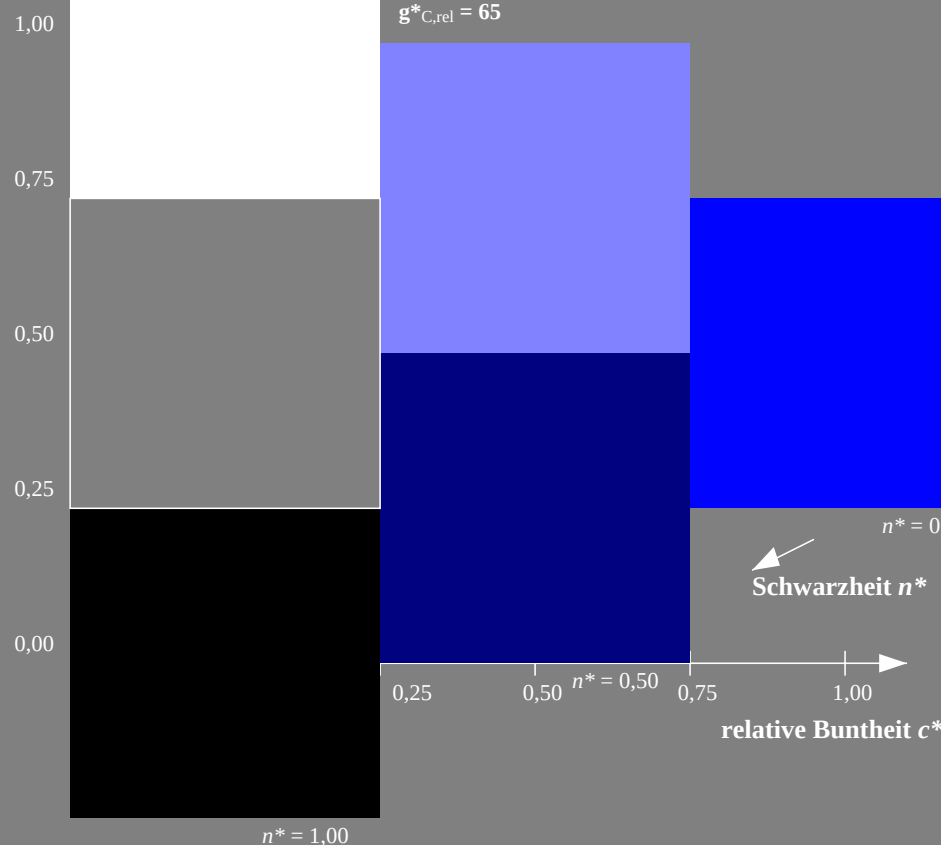
rgb\*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

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



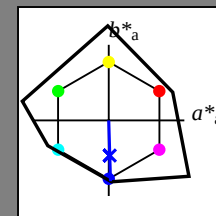
## Ausgabe: Farbmetrisches Reflexions-System NCS11

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

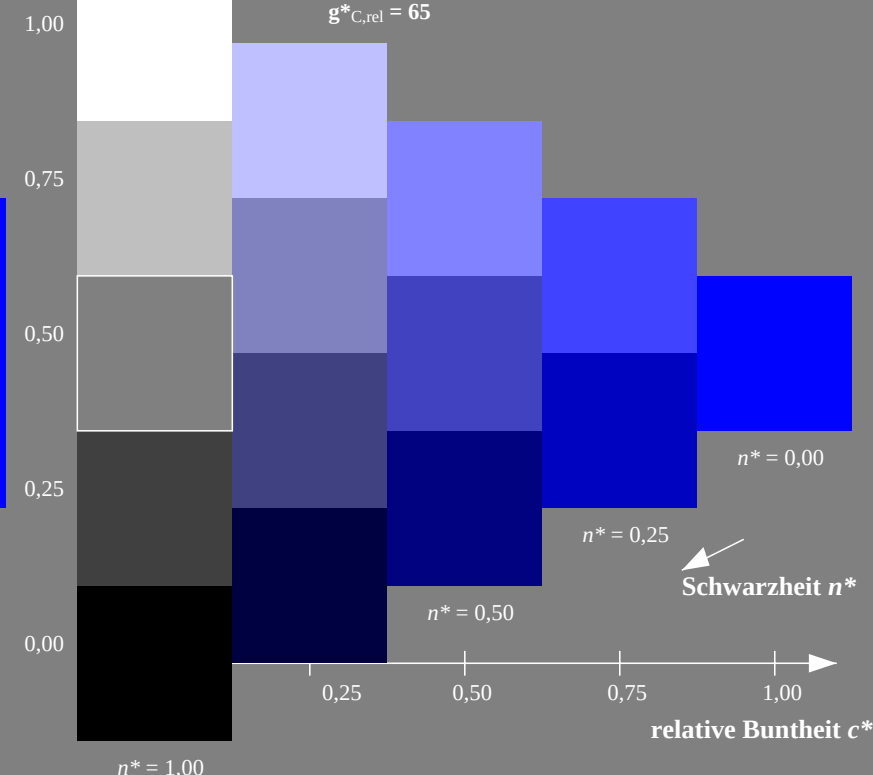
D65: Buntton B

LCH\*Ma: 49 80 272

rgb\*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang  
 $u^*_{rel} = 149$   
%Regularität  
 $g^*_{H,rel} = 46$   
 $g^*_{C,rel} = 65$



TG890-7, 3stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

5stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)

BAM-Prüfvorlage TG89; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend