

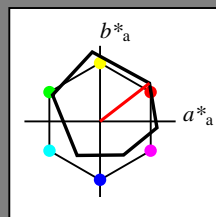
## Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton  $h^* = lab^*h = 38/360 = 0.105$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton O

LCH\*Ma: 48 83 38

rgb\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

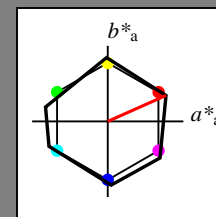
## Ausgabe: Farbmetrisches Reflexions-System NRS11

für Buntton  $h^* = lab^*h = 24/360 = 0.067$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton R

LCH\*Ma: 53 84 24

rgb\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$ 

0,25

0,50

0,75

1,00

relative Buntheit  $c^*$  $n^* = 0,00$ Schwarzheit  $n^*$  $n^* = 0,50$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$ 

0,25

0,50

0,75

1,00

relative Buntheit  $c^*$  $n^* = 0,00$ Schwarzheit  $n^*$  $n^* = 0,25$  $n^* = 0,50$  $n^* = 0,75$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

5stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.067 (rechts)

BAM-Prüfvorlage TG62; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

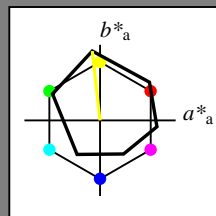
## Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton  $h^* = lab^*h = 96/360 = 0.268$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton Y

LCH\*Ma: 90 92 96

rgb\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

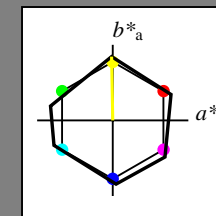
## Ausgabe: Farbmetrisches Reflexions-System NRS11

für Buntton  $h^* = lab^*h = 91/360 = 0.253$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton J

LCH\*Ma: 53 84 91

rgb\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,50$  $n^* = 0,00$ Schwarzheit  $n^*$ relative Buntheit  $c^*$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,75$  $n^* = 0,50$  $n^* = 0,25$  $n^* = 0,00$ Schwarzheit  $n^*$ relative Buntheit  $c^*$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

5stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.253 (rechts)

BAM-Prüfvorlage TG62; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

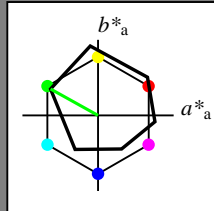
## Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton  $h^* = lab^*h = 151/360 = 0.419$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton L

LCH\*Ma: 51 72 151

rgb\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

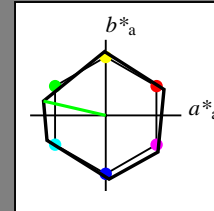
## Ausgabe: Farbmetrisches Reflexions-System NRS11

für Buntton  $h^* = lab^*h = 167/360 = 0.464$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton G

LCH\*Ma: 53 84 167

rgb\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$ 

0,25

 $n^* = 0,50$ relative Buntheit  $c^*$  $n^* = 0,00$ Schwarzheit  $n^*$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,75$  $n^* = 0,50$  $n^* = 0,25$  $n^* = 0,00$ Schwarzheit  $n^*$ relative Buntheit  $c^*$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

5stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.464 (rechts)

BAM-Prüfvorlage TG62; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

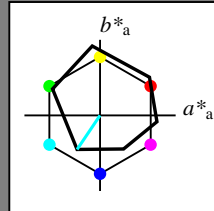
## Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton  $h^* = lab^*h = 236/360 = 0.656$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton C

LCH\*Ma: 59 54 236

rgb\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

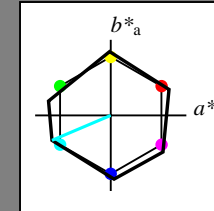
## Ausgabe: Farbmetrisches Reflexions-System NRS11

für Buntton  $h^* = lab^*h = 203/360 = 0.564$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton G50B

LCH\*Ma: 53 84 203

rgb\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,50$  $n^* = 0,00$ Schwarzheit  $n^*$ relative Buntheit  $c^*$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,75$  $n^* = 0,50$  $n^* = 0,25$  $n^* = 0,00$ Schwarzheit  $n^*$ relative Buntheit  $c^*$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

5stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.564 (rechts)

BAM-Prüfvorlage TG62; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

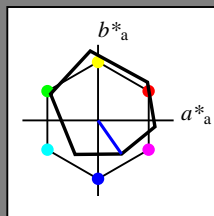
## Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton  $h^* = lab^*h = 305/360 = 0.847$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton V

LCH\*Ma: 26 54 305

rgb\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

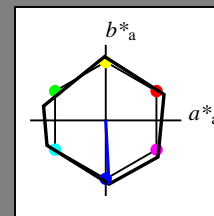
## Ausgabe: Farbmetrisches Reflexions-System NRS11

für Buntton  $h^* = lab^*h = 273/360 = 0.758$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton B

LCH\*Ma: 53 84 273

rgb\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,50$  $n^* = 0,00$ Schwarzheit  $n^*$ 

0,25

0,50

0,75

1,00

relative Buntheit  $c^*$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,75$  $n^* = 0,50$  $n^* = 0,25$  $n^* = 0,00$ Schwarzheit  $n^*$ 

0,25

0,50

0,75

1,00

relative Buntheit  $c^*$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

5stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.758 (rechts)

BAM-Prüfvorlage TG62; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

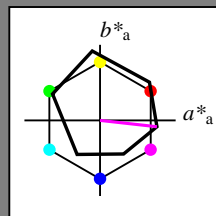
## Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton  $h^* = lab^*h = 354/360 = 0.982$  $lab^*ich$  und  $lab^*nch$ 

D65: Buntton M

LCH\*Ma: 48 76 354

rgb\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

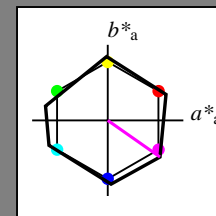
## Ausgabe: Farbmetrisches Reflexions-System NRS11

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

D65: Buntton B50R

LCH\*Ma: 53 84 325

rgb\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,50$ relative Buntheit  $c^*$ Schwarzheit  $n^*$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,75$  $n^* = 0,50$  $n^* = 0,25$  $n^* = 0,00$ relative Buntheit  $c^*$ Schwarzheit  $n^*$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

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

BAM-Prüfvorlage TG62; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

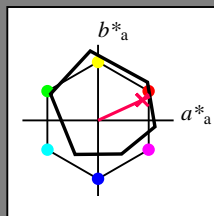
## Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton R

LCH\*Ma: 48 75 25

rgb\*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

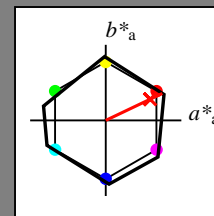
## Ausgabe: Farbmetrisches Reflexions-System NRS11

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

D65: Buntton R

LCH\*Ma: 53 83 25

rgb\*Ma: 1.0 0.03 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$ 

0,25

 $n^* = 0,50$ relative Buntheit  $c^*$ Schwarzheit  $n^*$  $n^* = 0,00$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,75$  $n^* = 0,50$  $n^* = 0,25$  $n^* = 0,00$ relative Buntheit  $c^*$ Schwarzheit  $n^*$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

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

BAM-Prüfvorlage TG62; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend



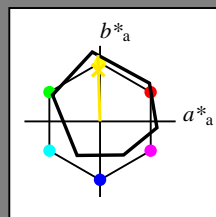
## Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton J

LCH\*Ma: 86 88 92

rgb\*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

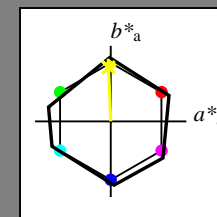
## Ausgabe: Farbmetrisches Reflexions-System NRS11

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

D65: Buntton J

LCH\*Ma: 53 83 92

rgb\*Ma: 0.98 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,50$  $n^* = 0,00$ Schwarzheit  $n^*$ relative Buntheit  $c^*$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,75$  $n^* = 0,50$  $n^* = 0,25$  $n^* = 0,00$ Schwarzheit  $n^*$ relative Buntheit  $c^*$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

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

BAM-Prüfvorlage TG62; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend



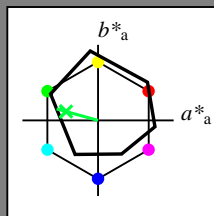
## Eingabe: Farbmatisches Reflexions-System ORS18

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

D65: Buntton G

LCH\*Ma: 53 57 164

rgb\*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

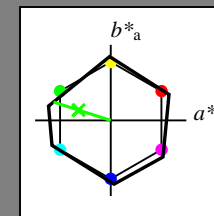
## Ausgabe: Farbmatisches Reflexions-System NRS11

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

D65: Buntton G

LCH\*Ma: 53 80 162

rgb\*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$ 

0,25

 $n^* = 0,50$ 

0,75

1,00

relative Buntheit  $c^*$ Schwarzheit  $n^*$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$ 

0,25

 $n^* = 0,50$ 

0,75

1,00

relative Buntheit  $c^*$ Schwarzheit  $n^*$  $n^* = 0,00$  $n^* = 0,25$  $n^* = 0,75$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

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

BAM-Prüfvorlage TG62; Farbmatrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

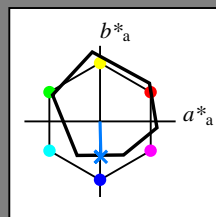
## Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton B

LCH\*Ma: 42 45 271

rgb\*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

## ORS18; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| JMa    | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| GMa    | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| G50BMa | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| BMa    | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| B50RMa | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| 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          |

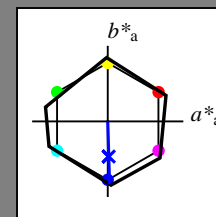
## Ausgabe: Farbmetrisches Reflexions-System NRS11

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

D65: Buntton B

LCH\*Ma: 53 83 272

rgb\*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 119$ 

%Regularität

 $g^*_{H,rel} = 47$  $g^*_{C,rel} = 100$ 

## NRS11; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 53.2        | 77.06   | 34.32   | 84.36        | 24           |
| JMa    | 53.2        | -1.51   | 84.38   | 84.39        | 91           |
| GMa    | 53.2        | -82.27  | 18.98   | 84.44        | 167          |
| G50BMa | 53.2        | -77.72  | -32.98  | 84.44        | 203          |
| BMa    | 53.2        | 4.37    | -84.28  | 84.41        | 273          |
| B50RMa | 53.2        | 69.09   | -48.41  | 84.37        | 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          |

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,50$  $n^* = 0,00$ Schwarzheit  $n^*$ relative Buntheit  $c^*$ 

1,00

0,75

0,50

0,25

0,00

 $n^* = 1,00$  $n^* = 0,75$  $n^* = 0,50$  $n^* = 0,25$  $n^* = 0,00$ Schwarzheit  $n^*$ relative Buntheit  $c^*$ 

TG620-7, 3stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

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

BAM-Prüfvorlage TG62; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$ 

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend