

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

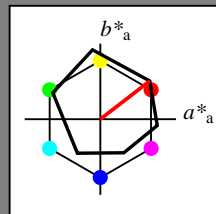
für Buntton $h^* = lab^*h = 38/360 = 0.105$

lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _{CIE} | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*

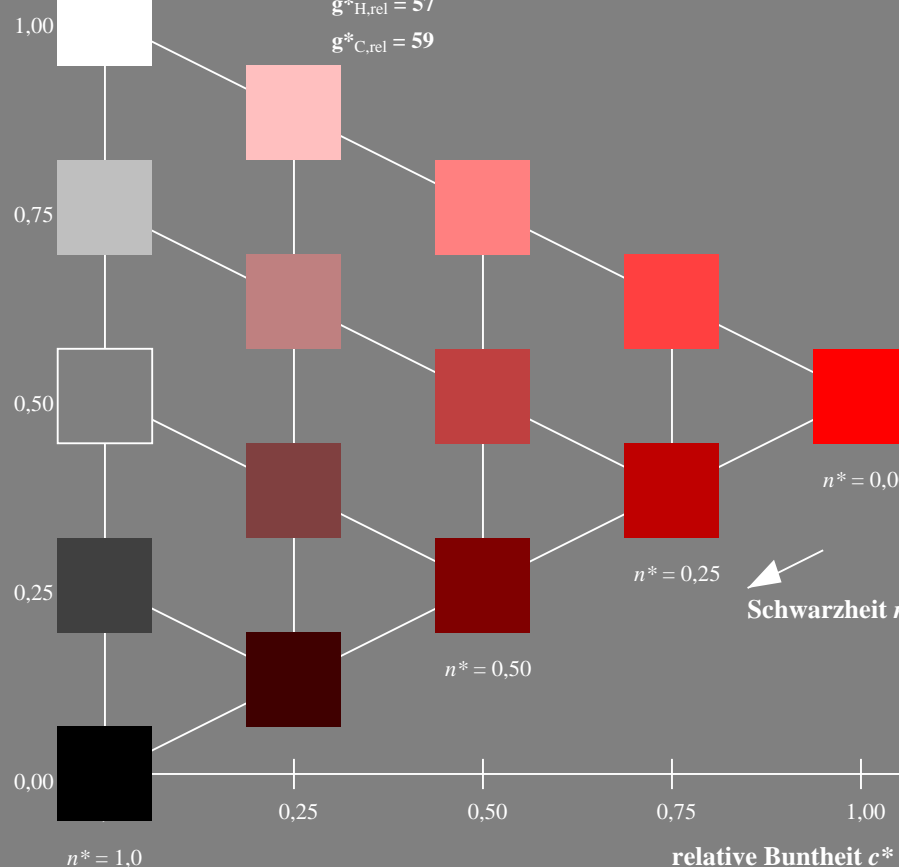
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



NG220-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

Ausgabe: Farbmétrisches Standard-Reflektiv-System SRS18

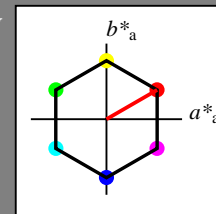
für Buntton $h^* = lab^*h = 30/360 = 0.083$

LAB^*LCH , LAB^*NCH

D65: Buntton O

LCH*Ma: 57 77 30

olv*Ma: 1.0 0.0 0.0



SRS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _{CIE} | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _{CIE} | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _{CIE} | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*

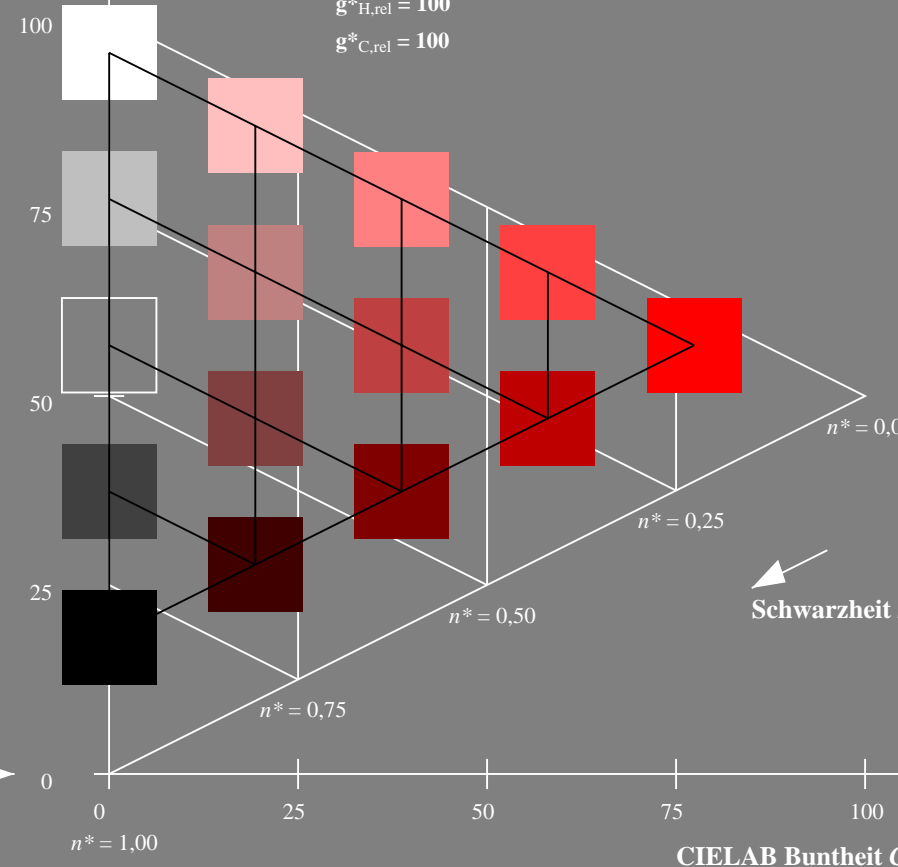
%Umfang

$u^*_{rel} = 100$

%Regularität

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

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



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

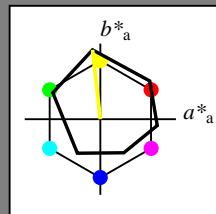
BAM-Prüfvorlage NG22; Farbmétrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

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

D65: Buntton Y
LCH*Ma: 90 92 96
olv*Ma: 1.0 1.0 0.0



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _{CIE} | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*

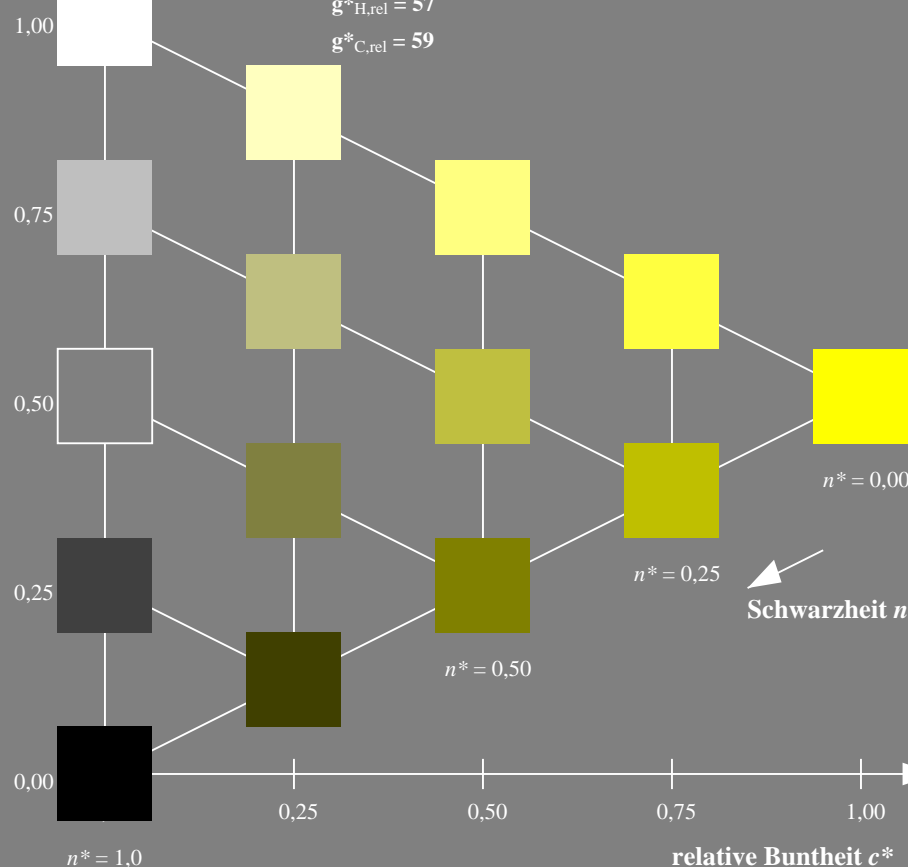
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

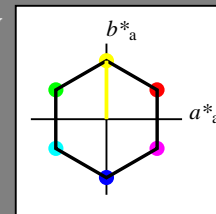


NG220-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

Ausgabe: Farbmimetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 90/360 = 0.25$
 LAB^*LCH , LAB^*NCH

D65: Buntton Y
LCH*Ma: 57 77 90
olv*Ma: 1.0 1.0 0.0



SRS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _{CIE} | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _{CIE} | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _{CIE} | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*

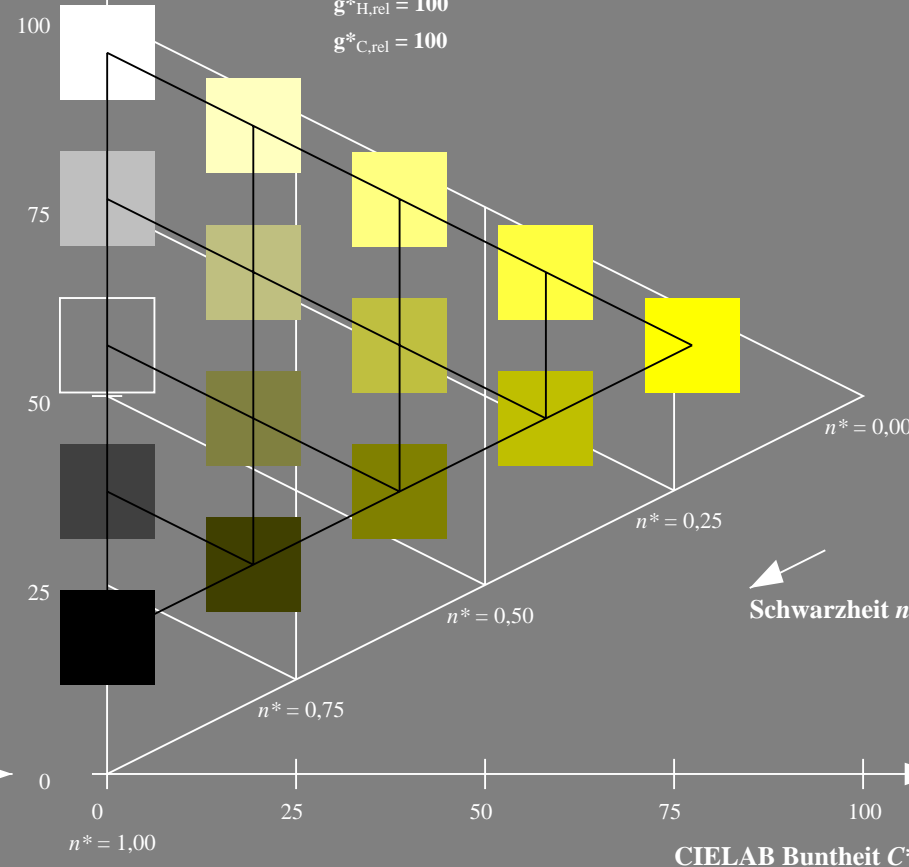
%Umfang

$u^*_{rel} = 100$

%Regularität

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

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



5 stufige Reihen für konstanten CIELAB Buntton 90/360 = 0.25 (rechts)

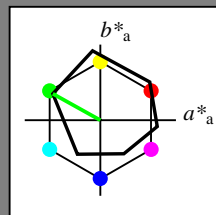
BAM-Prüfvorlage NG22; Farbmimetrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

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

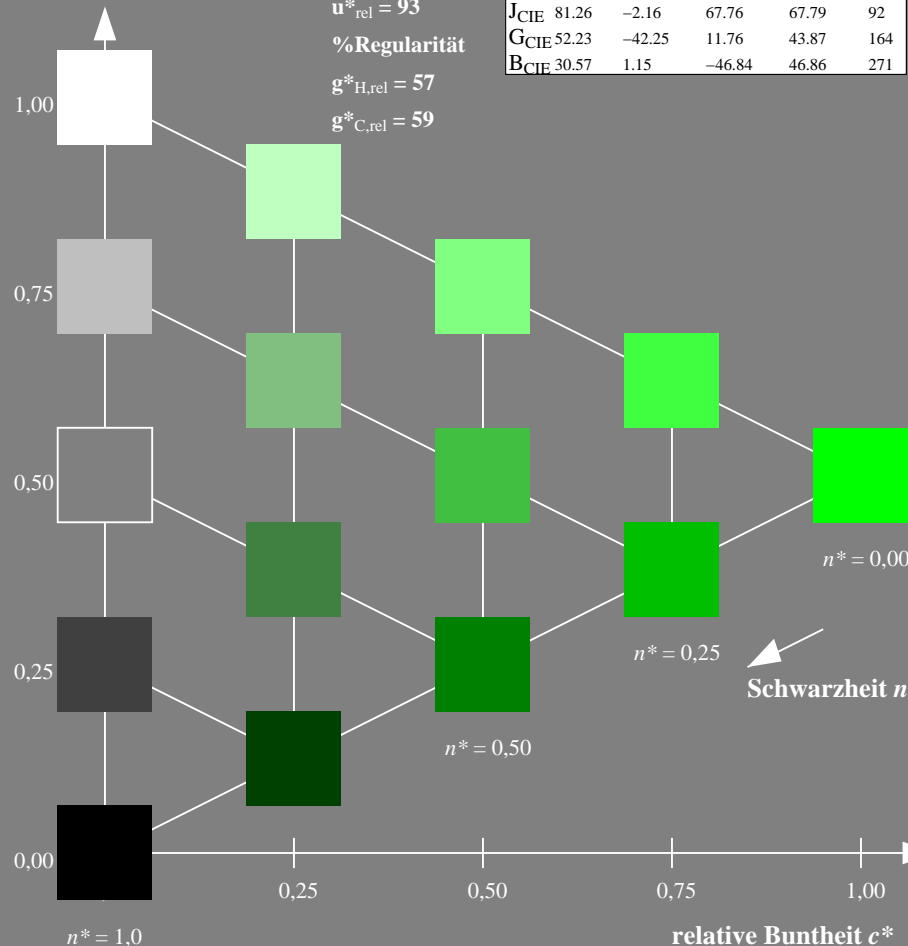
D65: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 0.0



| ORS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _{CIE} | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*

%Umfang
 $u^*_{rel} = 93$
%Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

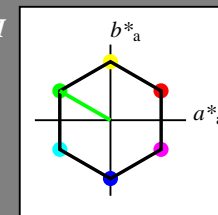


NG220-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

Ausgabe: Farbmimetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 150/360 = 0.417$
 LAB^*LCH , LAB^*NCH

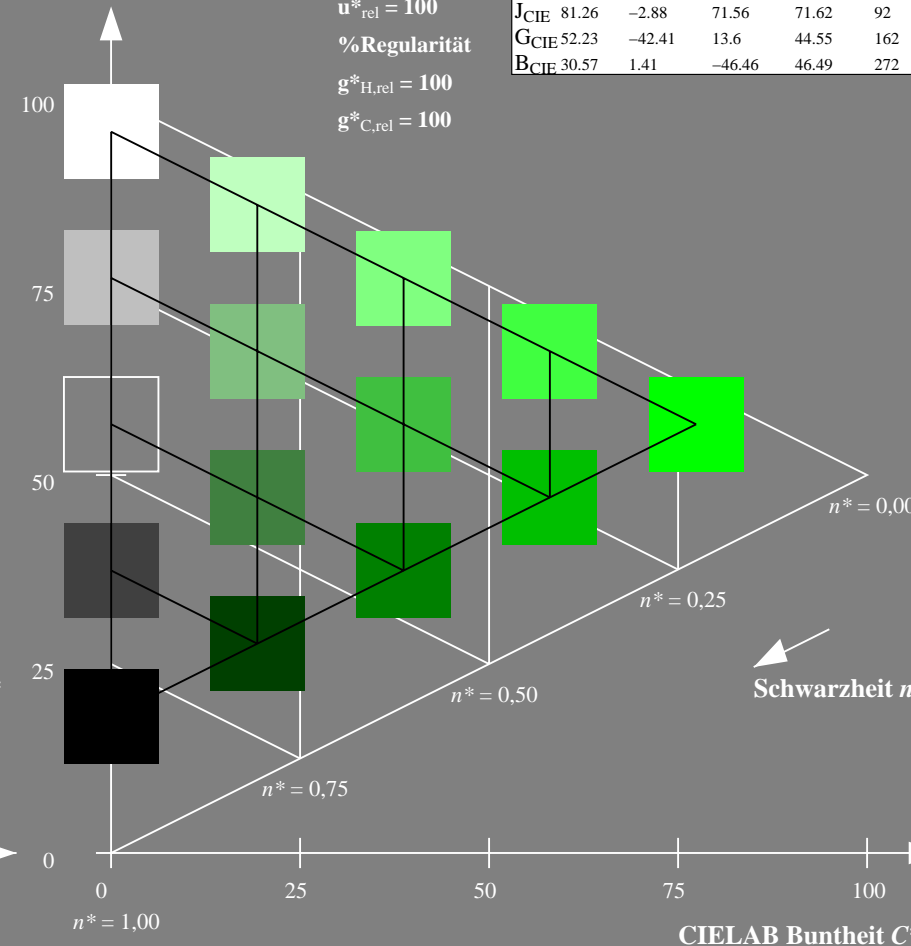
D65: Buntton L
LCH*Ma: 57 77 150
olv*Ma: 0.0 1.0 0.0



| SRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _{CIE} | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _{CIE} | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _{CIE} | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*

%Umfang
 $u^*_{rel} = 100$
%Regularität
 $g^*_{H,rel} = 100$
 $g^*_{C,rel} = 100$



5 stufige Reihen für konstanten CIELAB Buntton 150/360 = 0.417 (rechts)

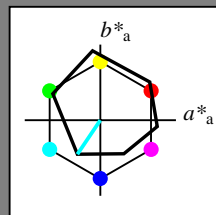
BAM-Prüfvorlage NG22; Farbmimetrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

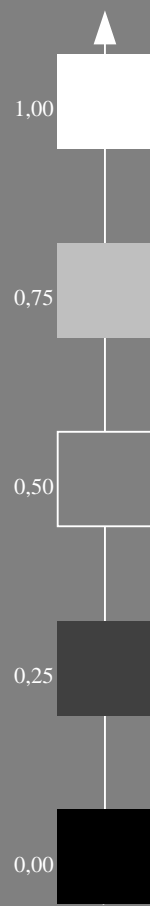
für Buntton $h^* = lab^*h = 236/360 = 0.656$
 lab^*tch und lab^*nch

D65: Buntton C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0



| ORS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _{CIE} | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*

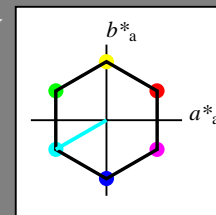


%Umfang
 $u^*_{rel} = 93$
%Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

Ausgabe: Farbmimetrisches Standard-Reflektiv-System SRS18

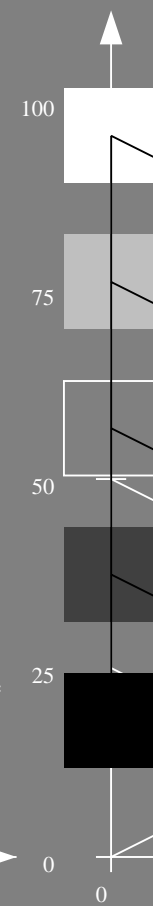
für Buntton $h^* = lab^*h = 210/360 = 0.583$
 LAB^*LCH , LAB^*NCH

D65: Buntton C
LCH*Ma: 57 77 210
olv*Ma: 0.0 1.0 1.0



| SRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _{CIE} | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _{CIE} | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _{CIE} | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*



%Umfang
 $u^*_{rel} = 100$
%Regularität
 $g^*_{H,rel} = 100$
 $g^*_{C,rel} = 100$

NG220-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

5 stufige Reihen für konstanten CIELAB Buntton 210/360 = 0.583 (rechts)

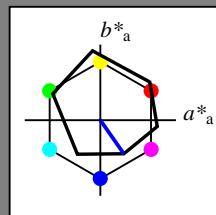
BAM-Prüfvorlage NG22; Farbmimetrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

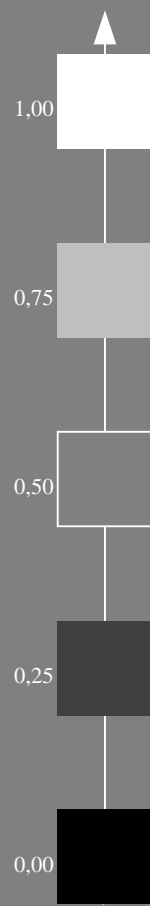
für Buntton $h^* = lab^*h = 305/360 = 0.847$
 lab^*tch und lab^*nch

D65: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0



| ORS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _{CIE} | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 93$
%Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

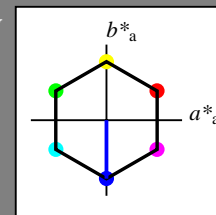
relative Buntheit c^*

NG22-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

Ausgabe: Farbmimetrisches Standard-Reflektiv-System SRS18

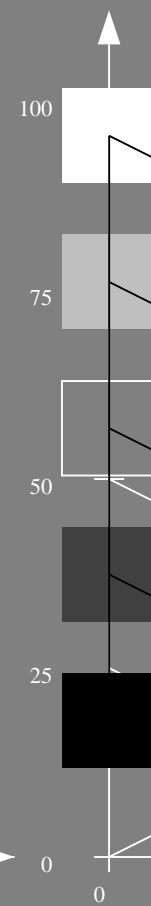
für Buntton $h^* = lab^*h = 270/360 = 0.75$
 LAB^*LCH , LAB^*NCH

D65: Buntton V
LCH*Ma: 57 77 270
olv*Ma: 0.0 0.0 1.0



| SRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _{CIE} | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _{CIE} | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _{CIE} | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*



%Umfang
 $u^*_{rel} = 100$
%Regularität
 $g^*_{H,rel} = 100$
 $g^*_{C,rel} = 100$

CIELAB Buntheit C^*_{ab}

5 stufige Reihen für konstanten CIELAB Buntton 270/360 = 0.75 (rechts)

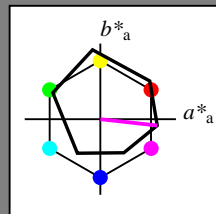
BAM-Prüfvorlage NG22; Farbmimetrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D65: Buntton M
LCH*Ma: 48 76 354
olv*Ma: 1.0 0.0 1.0



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _{CIE} | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*

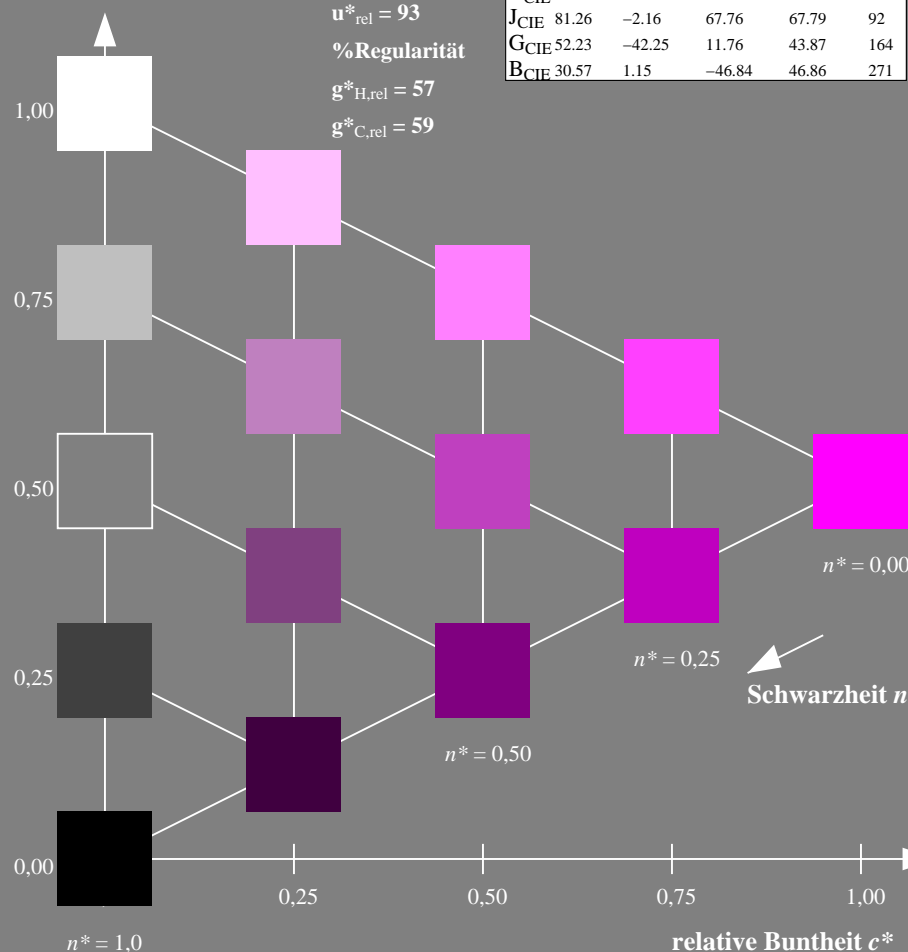
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

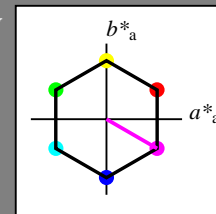


NG220-7, 5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

Ausgabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 330/360 = 0.917$
 LAB^*LCH , LAB^*NCH

D65: Buntton M
LCH*Ma: 57 77 330
olv*Ma: 1.0 0.0 1.0



SRS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _{CIE} | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _{CIE} | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _{CIE} | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*

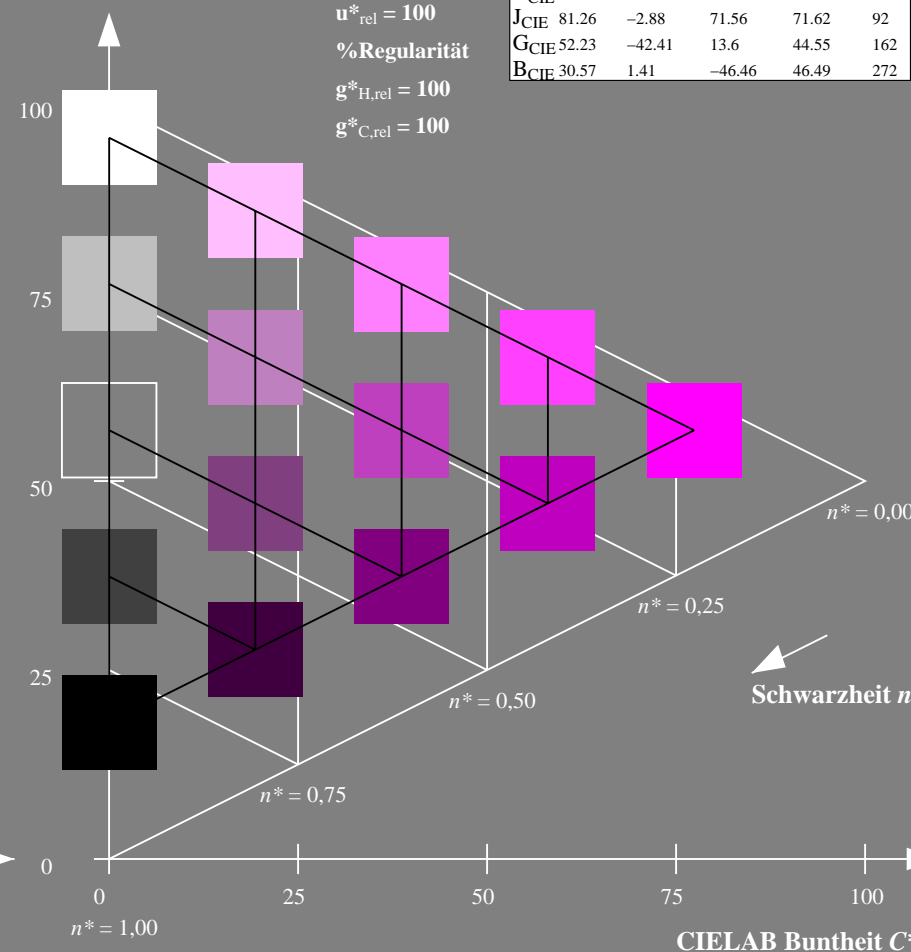
%Umfang

$u^*_{rel} = 100$

%Regularität

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

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



5 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.917 (rechts)

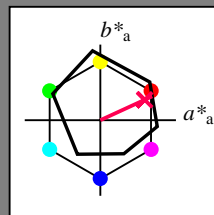
BAM-Prüfvorlage NG22; Farbmétrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

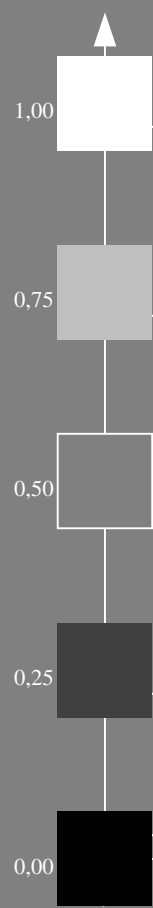
D65: Buntton R
LCH*Ma: 48 75 25
olv*Ma: 1.0 0.0 0.32



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _m | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _m | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _m | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _m | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

R_{CIE}

$n^* = 0,00$

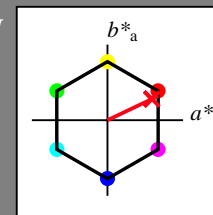
Schwarzheit n^*

NG220-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

Ausgabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 25/360 = 0.071$
 LAB^*LCH , LAB^*NCH

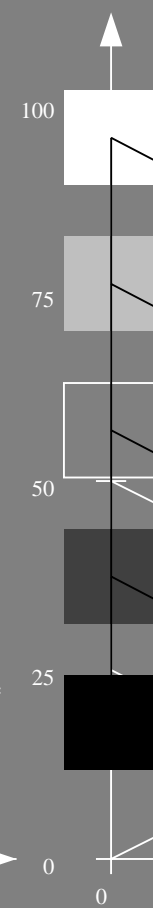
D65: Buntton R
LCH*Ma: 57 74 25
olv*Ma: 1.0 0.0 0.09



SRS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _m | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _m | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _m | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _m | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*



%Umfang

$u^*_{rel} = 100$

%Regularität

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

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

R_{CIE}

$n^* = 0,25$

Schwarzheit n^*

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

BAM-Prüfvorlage NG22; Farbmétrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

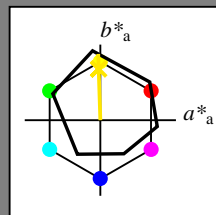
für Buntton $h^* = lab^*h = 92/360 = 0.255$

lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _m | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _m | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _m | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _m | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*

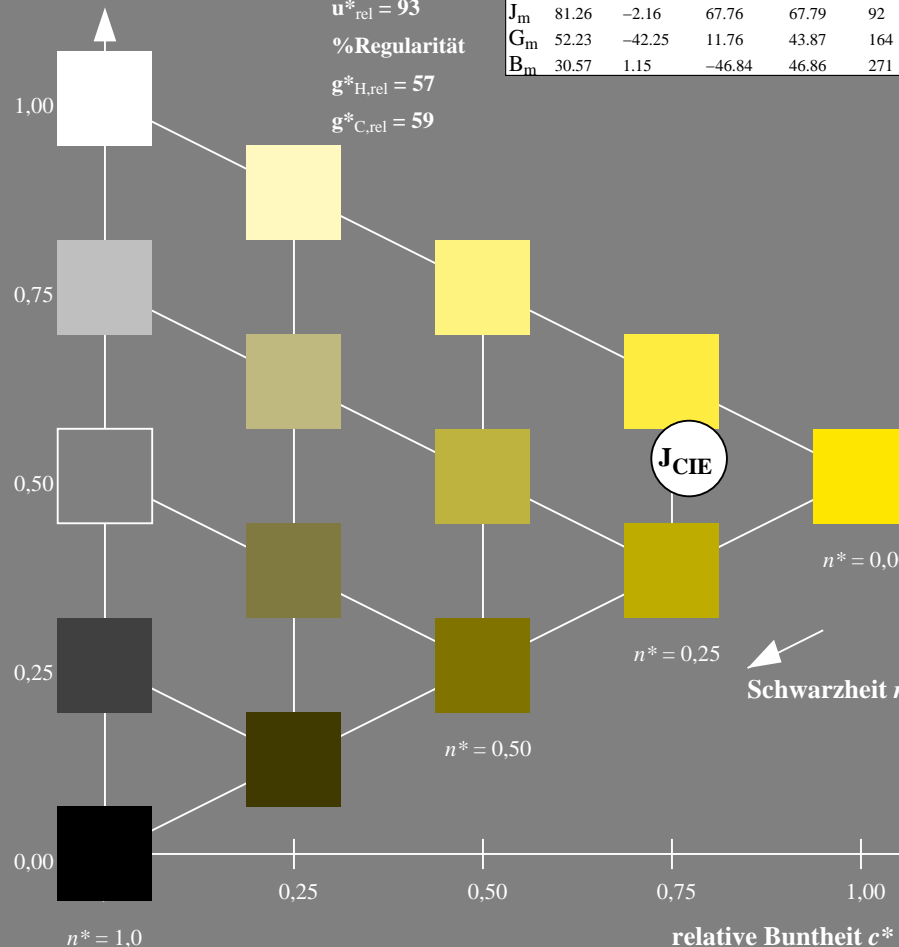
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



NG22-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

Ausgabe: Farbmétrisches Standard-Reflektiv-System SRS18

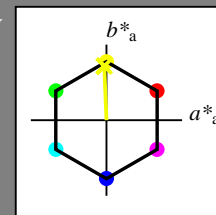
für Buntton $h^* = lab^*h = 92/360 = 0.256$

LAB^*LCH , LAB^*NCH

D65: Buntton J

LCH*Ma: 57 76 92

olv*Ma: 0.95 1.0 0.0



SRS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _m | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _m | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _m | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _m | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*

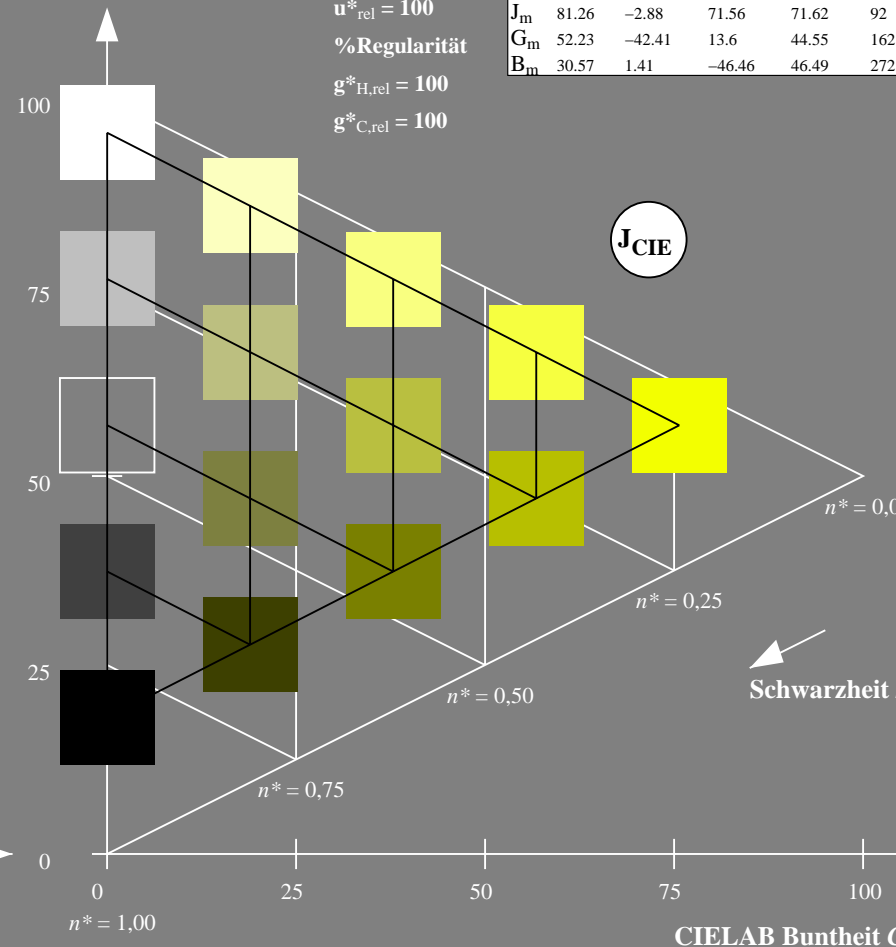
%Umfang

$u^*_{rel} = 100$

%Regularität

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

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



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

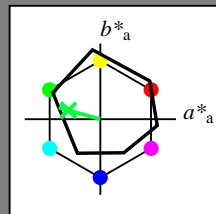
BAM-Prüfvorlage NG22; Farbmétrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

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

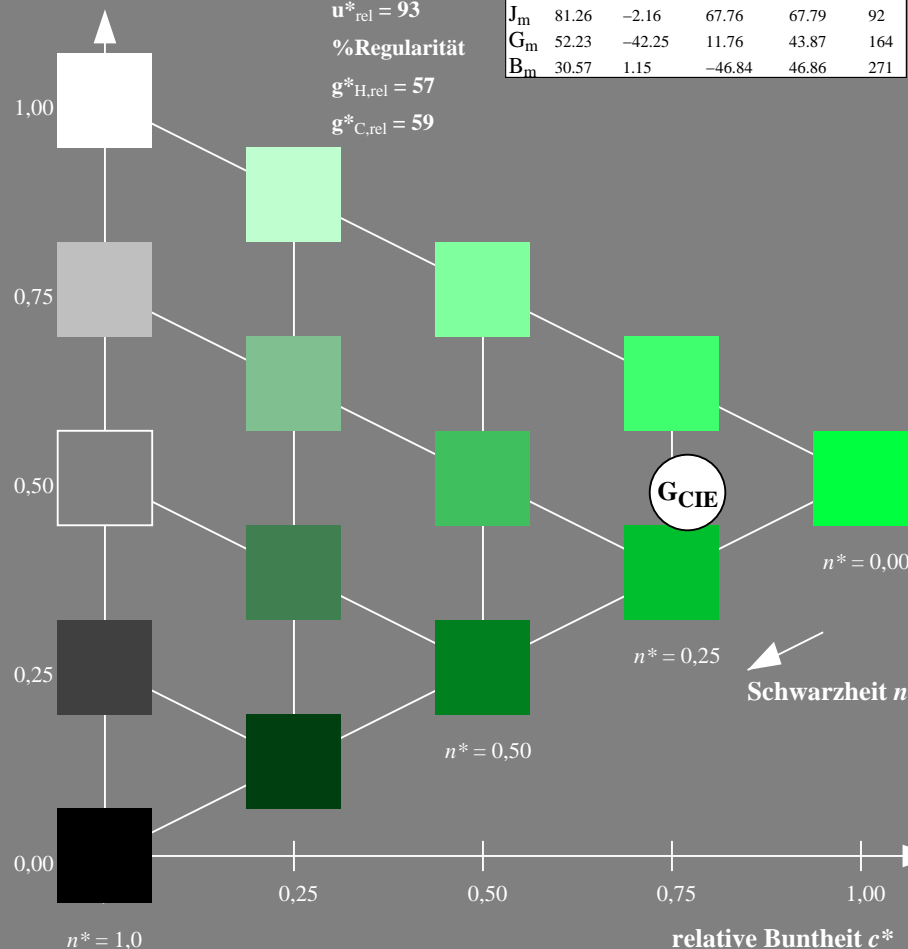
D65: Buntton G
LCH*Ma: 53 57 164
olv*Ma: 0.0 1.0 0.25



| ORS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _m | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _m | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _m | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _m | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*

%Umfang
 $u^*_{rel} = 93$
%Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

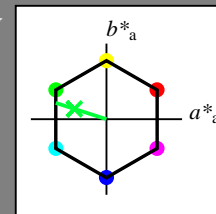


NG220-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

Ausgabe: Farbmimetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 162/360 = 0.451$
 LAB^*LCH , LAB^*NCH

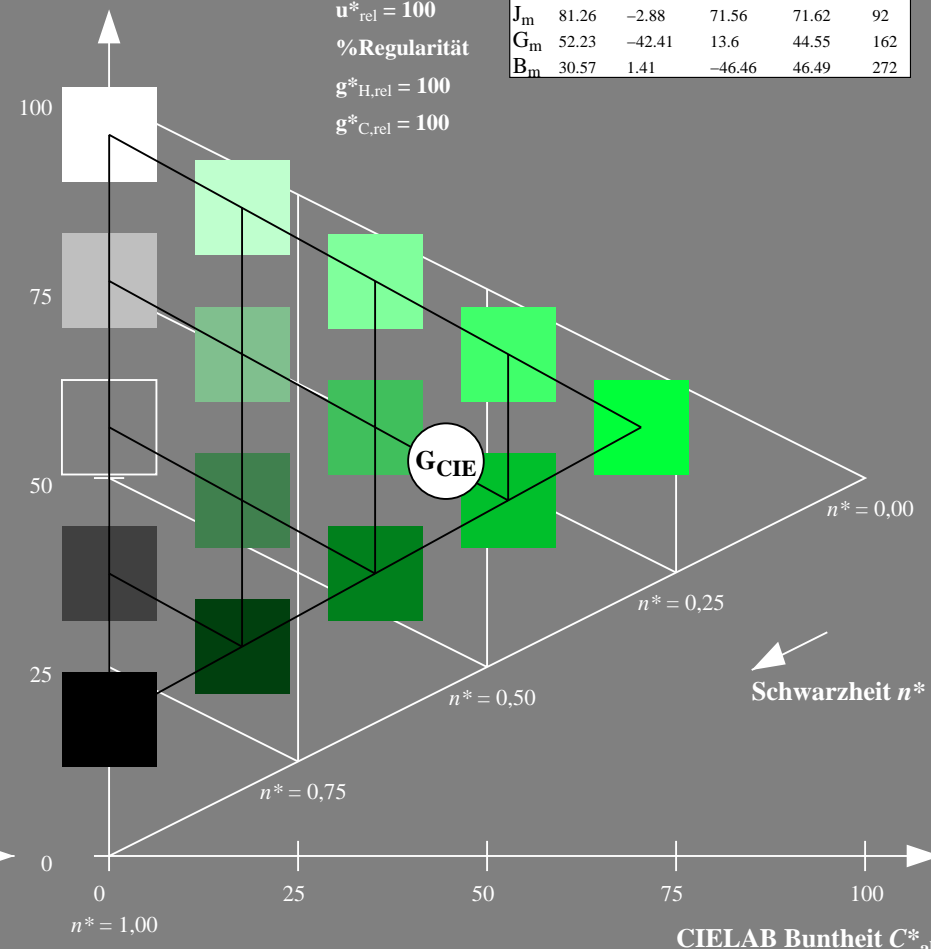
D65: Buntton G
LCH*Ma: 57 70 162
olv*Ma: 0.0 1.0 0.22



| SRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _m | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _m | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _m | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _m | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*

%Umfang
 $u^*_{rel} = 100$
%Regularität
 $g^*_{H,rel} = 100$
 $g^*_{C,rel} = 100$



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

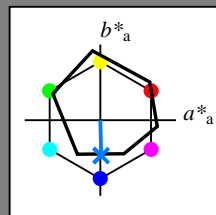
BAM-Prüfvorlage NG22; Farbmimetrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

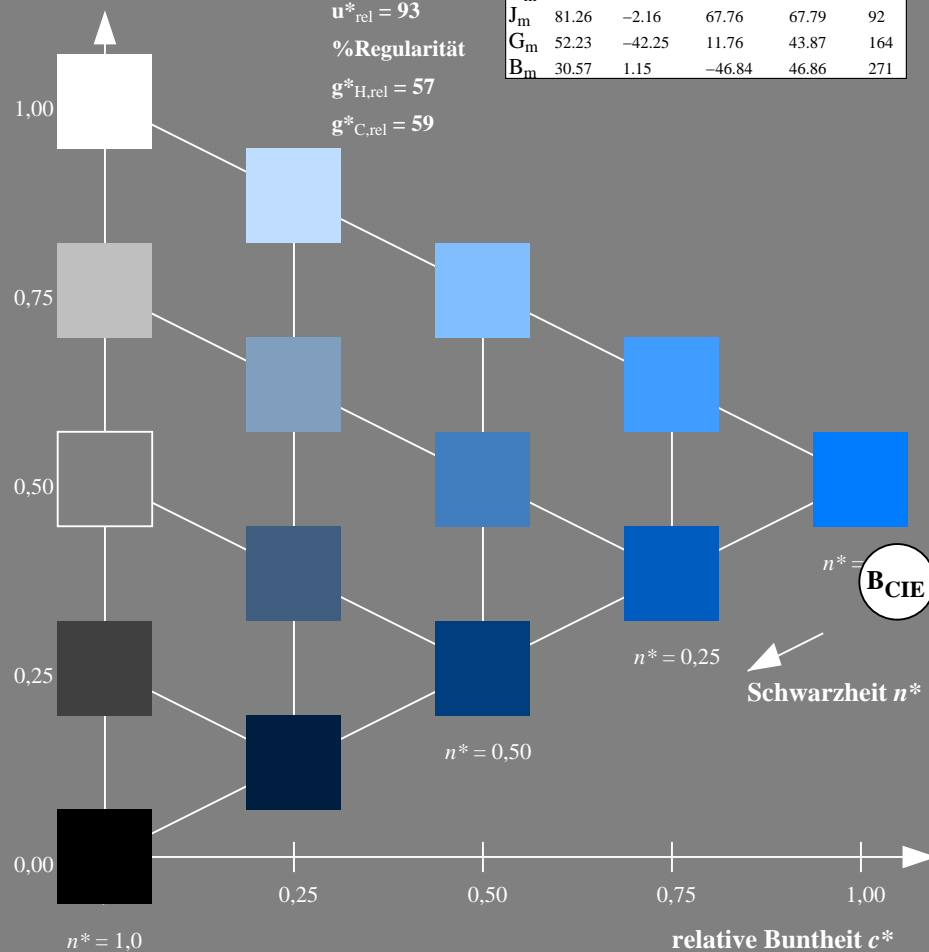
D65: Buntton B
LCH*Ma: 42 45 271
olv*Ma: 0.0 0.49 1.0



| ORS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _m | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _m | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _m | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _m | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _m | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _m | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _m | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _m | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _m | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Dreiecks-Helligkeit t^*

%Umfang
 $u^*_{rel} = 93$
%Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

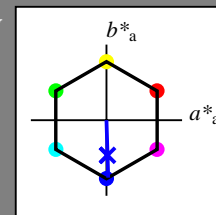


NG220-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

Ausgabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 272/360 = 0.755$
 LAB^*LCH , LAB^*NCH

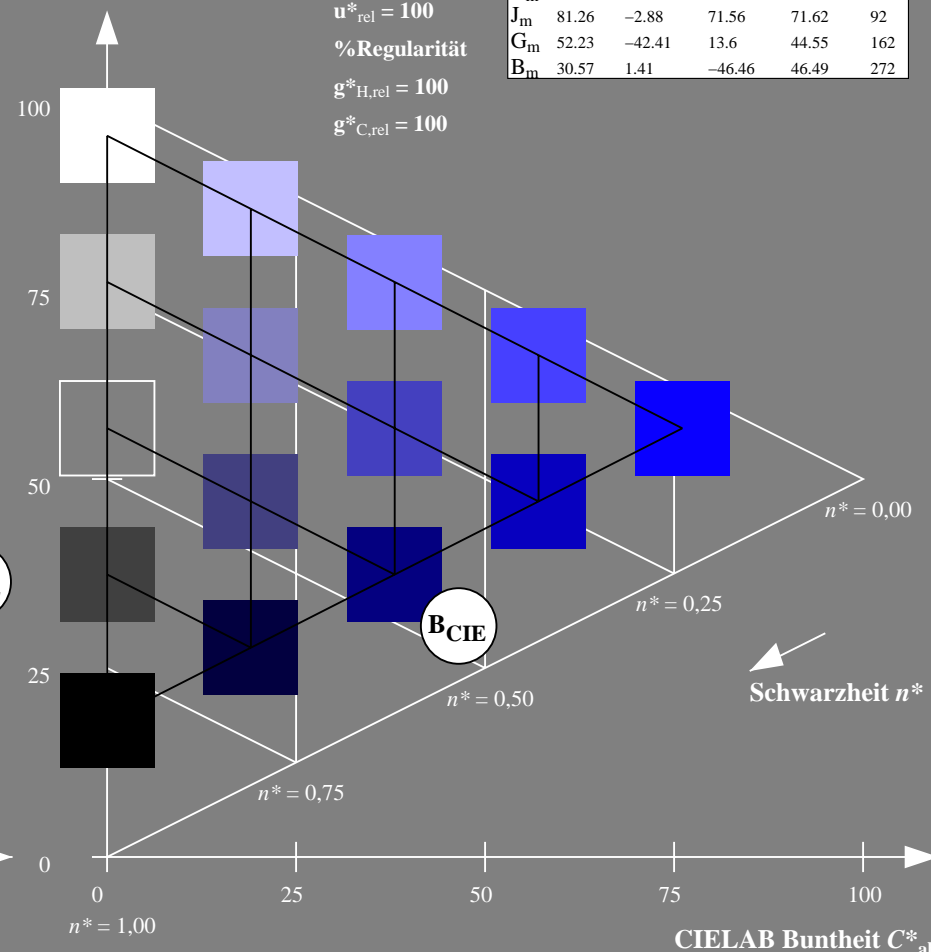
D65: Buntton B
LCH*Ma: 57 76 272
olv*Ma: 0.03 0.0 1.0



| SRS18; adaptierte CIELAB-Daten | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O _m | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _m | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _m | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _m | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _m | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _m | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _m | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _m | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _m | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _m | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _m | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _m | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

CIELAB-Helligkeit L^*

%Umfang
 $u^*_{rel} = 100$
%Regularität
 $g^*_{H,rel} = 100$
 $g^*_{C,rel} = 100$



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

BAM-Prüfvorlage NG22; Farbmétrik-Systeme ORS18 & SRS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input