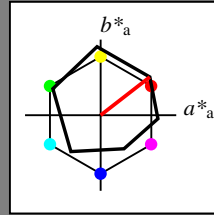


Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D50: Buntton O
 LCH*Ma: 48 82 38
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

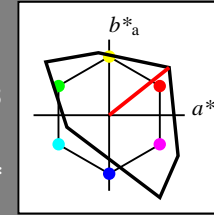
%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 38/360 = 0.107$
 lab^*tch und lab^*nch

D50: Buntton O
 LCH*Ma: 54 101 38
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

relative Inform. Technology (IT)
 $olvi3^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $olvi4^* = 1.0 \ 1.0 \ 1.0 \ 1.0$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 0.0$

standard and adapted CIELAB
 $LAB^*LAB = 95.41 \ 0.0 \ 0.0$
 $LAB^*LABa = 95.41 \ 0.0 \ 0.0$
 $LAB^*TCHa = 99.99 \ 0.01 \ -$

relative CIELAB lab*
 $lab^*lab = 1.0 \ 0.0 \ 0.0$
 $lab^*tch = 1.0 \ 0.0 \ -$
 $lab^*nch = 0.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 1.0 \ 0.0 \ 0.0$
 $lab^*tce = 1.0 \ 0.0 \ -$
 $lab^*nce = 0.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* = 0.5 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.5 \ 0.5 \ 0.5 \ (0.0)$
 $olvi4^* = 1.0 \ 1.0 \ 1.0 \ 0.5$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 0.5$

standard and adapted CIELAB
 $LAB^*LAB = 47.72 \ 0.0 \ 0.0$
 $LAB^*LABa = 47.72 \ 0.0 \ 0.0$
 $LAB^*TCHa = 50.0 \ 0.01 \ -$

relative CIELAB lab*
 $lab^*lab = 0.5 \ 0.0 \ 0.0$
 $lab^*tch = 0.5 \ 0.0 \ -$
 $lab^*nch = 0.5 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 0.5 \ 0.0 \ 0.0$
 $lab^*tce = 0.5 \ 0.0 \ -$
 $lab^*nce = 0.5 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* = 0.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn3^* = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $olvi4^* = 1.0 \ 1.0 \ 1.0 \ 0.0$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 1.0$

standard and adapted CIELAB
 $LAB^*LAB = 0.03 \ 0.0 \ 0.0$
 $LAB^*LABa = 0.03 \ 0.0 \ 0.0$
 $LAB^*TCHa = 0.01 \ 0.01 \ -$

relative CIELAB lab*
 $lab^*lab = 0.0 \ 0.0 \ 0.0$
 $lab^*tch = 0.0 \ 0.0 \ -$
 $lab^*nch = 1.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 0.0 \ 0.0 \ 0.0$
 $lab^*tce = 0.0 \ 0.0 \ -$
 $lab^*nce = 1.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* = 1.0 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.0 \ 0.5 \ 0.5 \ (0.0)$
 $olvi4^* = 1.0 \ 0.5 \ 0.5 \ 1.0$
 $cmyn4^* = 0.0 \ 0.5 \ 0.5 \ 0.0$

standard and adapted CIELAB
 $LAB^*LAB = 74.79 \ 39.67 \ 31.49$
 $LAB^*LABa = 74.79 \ 39.67 \ 31.49$
 $LAB^*TCHa = 75.0 \ 50.65 \ 38.44$

relative CIELAB lab*
 $lab^*lab = 0.784 \ 0.392 \ 0.311$
 $lab^*tch = 0.75 \ 0.5 \ 0.107$
 $lab^*nch = 0.0 \ 0.5 \ 0.107$

relative Natural Colour (NC)
 $lab^*lrj = 0.784 \ 0.479 \ 0.142$
 $lab^*tce = 0.75 \ 0.5 \ 0.046$
 $lab^*nce = 0.0 \ 0.5 \ r18j$

relative Inform. Technology (IT)
 $olvi3^* = 0.5 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn3^* = 0.5 \ 1.0 \ 1.0 \ (0.0)$
 $olvi4^* = 1.0 \ 0.5 \ 0.5 \ 0.5$
 $cmyn4^* = 0.0 \ 0.5 \ 0.5 \ 0.5$

standard and adapted CIELAB
 $LAB^*LAB = 27.1 \ 39.67 \ 31.49$
 $LAB^*LABa = 27.1 \ 39.67 \ 31.49$
 $LAB^*TCHa = 25.01 \ 50.65 \ 38.44$

relative CIELAB lab*
 $lab^*lab = 0.284 \ 0.392 \ 0.311$
 $lab^*tch = 0.25 \ 0.5 \ 0.107$
 $lab^*nch = 0.5 \ 0.5 \ 0.107$

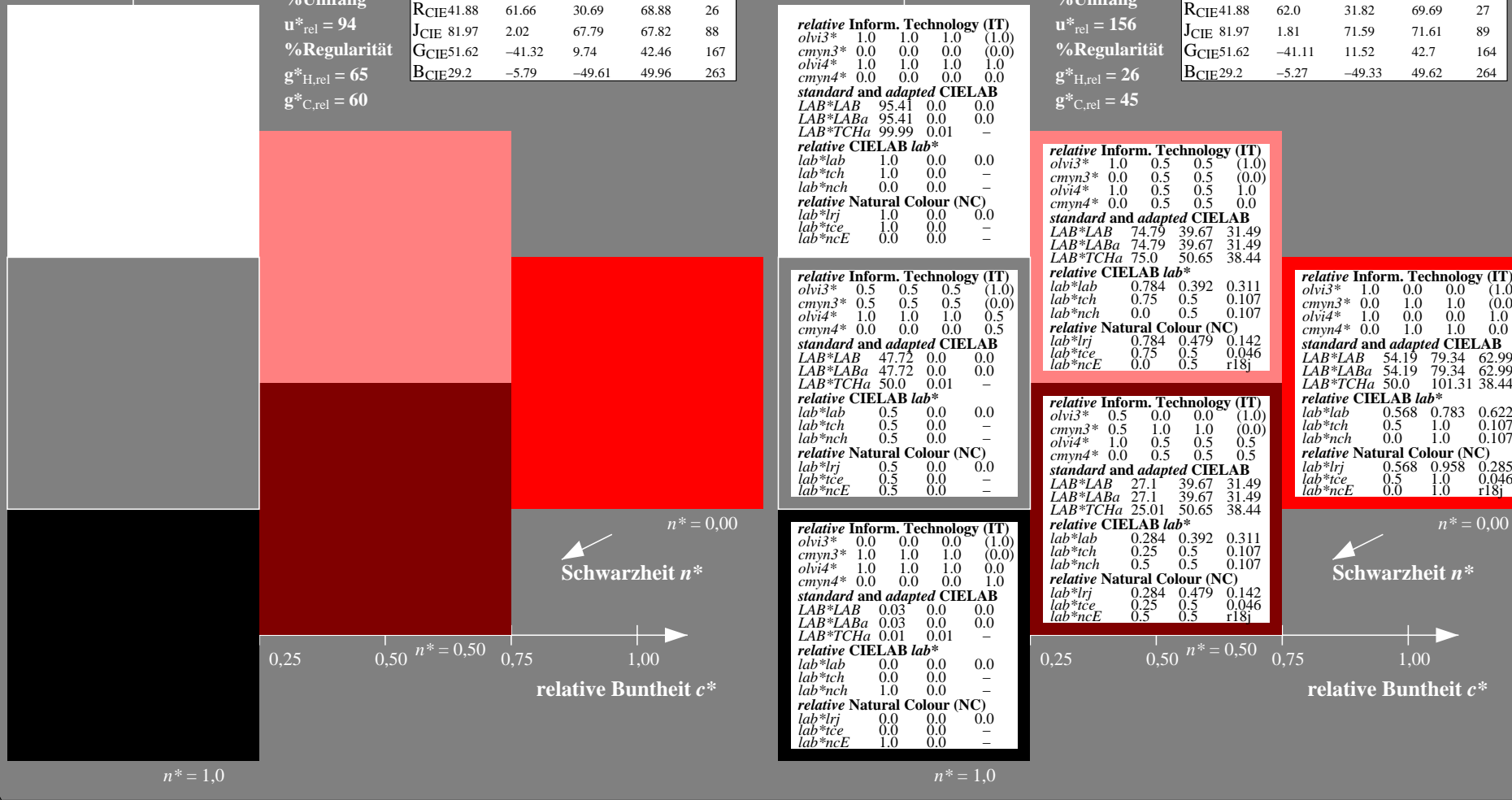
relative Natural Colour (NC)
 $lab^*lrj = 0.284 \ 0.479 \ 0.142$
 $lab^*tce = 0.25 \ 0.5 \ 0.046$
 $lab^*nce = 0.5 \ 0.5 \ r18j$

relative Inform. Technology (IT)
 $olvi3^* = 1.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 1.0 \ 1.0 \ (0.0)$
 $olvi4^* = 1.0 \ 0.0 \ 0.0 \ 1.0$
 $cmyn4^* = 0.0 \ 1.0 \ 1.0 \ 0.0$

standard and adapted CIELAB
 $LAB^*LAB = 54.19 \ 79.34 \ 62.99$
 $LAB^*LABa = 54.19 \ 79.34 \ 62.99$
 $LAB^*TCHa = 50.0 \ 101.31 \ 38.44$

relative CIELAB lab*
 $lab^*lab = 0.568 \ 0.783 \ 0.622$
 $lab^*tch = 0.5 \ 1.0 \ 0.107$
 $lab^*nch = 0.0 \ 1.0 \ 0.107$

relative Natural Colour (NC)
 $lab^*lrj = 0.568 \ 0.958 \ 0.285$
 $lab^*tce = 0.5 \ 1.0 \ 0.046$
 $lab^*nce = 0.0 \ 1.0 \ r18j$



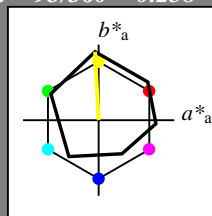
Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-PG00/10Q/Q00G00NP.PS/.PDF BAM-Material: Code=rh4ta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
 /PG00 Form: I/10, Serie: I/1, Seite: 1
 Seitenhang 1

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 93/360 = 0.258$
 lab^*tch und lab^*nch

D50: Buntton Y
 LCH*Ma: 91 91 93
 olv*Ma: 1.0 1.0 0.0
 Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

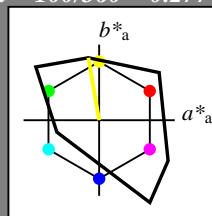
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 100/360 = 0.277$
 lab^*tch und lab^*nch

D50: Buntton Y
 LCH*Ma: 93 84 100
 olv*Ma: 1.0 1.0 0.0
 Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 95.41 | 0.0 | 0.0 |
| LAB*LABa | 95.41 | 0.0 | 0.0 |
| LAB*TCHa | 99.99 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*tch | 1.0 | 0.0 | - |
| lab*nch | 0.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 1.0 | 0.0 | 0.0 |
| lab*tce | 1.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 0.5 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 0.5 | (0.0) |
| olvi4* | 1.0 | 1.0 | 0.5 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.5 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 94.42 | -7.08 | 41.29 |
| LAB*LABa | 94.42 | -7.08 | 41.29 |
| LAB*TCHa | 75.0 | 41.89 | 99.75 |

relative CIELAB lab*

| | | | |
|---------|------|--------|-------|
| lab*lab | 0.99 | -0.084 | 0.493 |
| lab*tch | 0.75 | 0.5 | 0.277 |
| lab*nch | 0.0 | 0.5 | 0.277 |

relative Natural Colour (NC)

| | | | |
|---------|------|--------|-------|
| lab*lrj | 0.99 | -0.114 | 0.487 |
| lab*tce | 0.75 | 0.5 | 0.287 |
| lab*nce | 0.0 | 0.5 | j14g |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.5 | 0.5 | 0.5 | (1.0) |
| cmyn3* | 0.5 | 0.5 | 0.5 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 0.5 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 47.72 | 0.0 | 0.0 |
| LAB*LABa | 47.72 | 0.0 | 0.0 |
| LAB*TCHa | 50.0 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.5 | 0.0 | 0.0 |
| lab*tch | 0.5 | 0.0 | - |
| lab*nch | 0.5 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 0.5 | 0.0 | 0.0 |
| lab*tce | 0.5 | 0.0 | - |
| lab*nce | 0.5 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.5 | 0.5 | 0.0 | (1.0) |
| cmyn3* | 0.5 | 0.5 | 1.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 0.5 | 0.5 |
| cmyn4* | 0.0 | 0.0 | 0.5 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 46.73 | -7.08 | 41.29 |
| LAB*LABa | 46.73 | -7.08 | 41.29 |
| LAB*TCHa | 25.01 | 41.89 | 99.75 |

relative CIELAB lab*

| | | | |
|---------|------|--------|-------|
| lab*lab | 0.49 | -0.084 | 0.493 |
| lab*tch | 0.25 | 0.5 | 0.277 |
| lab*nch | 0.5 | 0.5 | 0.277 |

relative Natural Colour (NC)

| | | | |
|---------|------|--------|-------|
| lab*lrj | 0.49 | -0.114 | 0.487 |
| lab*tce | 0.25 | 0.5 | 0.287 |
| lab*nce | 0.5 | 0.5 | j14g |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 0.0 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 1.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 0.0 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 1.0 | 0.0 |

standard and adapted CIELAB

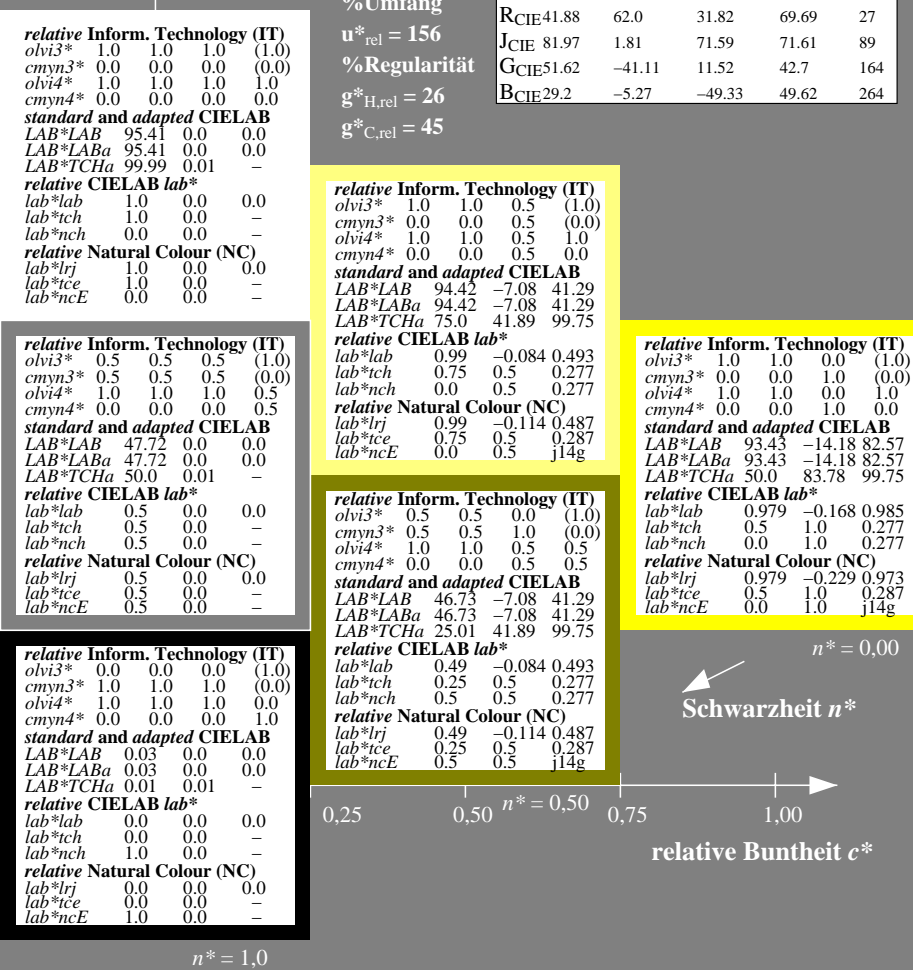
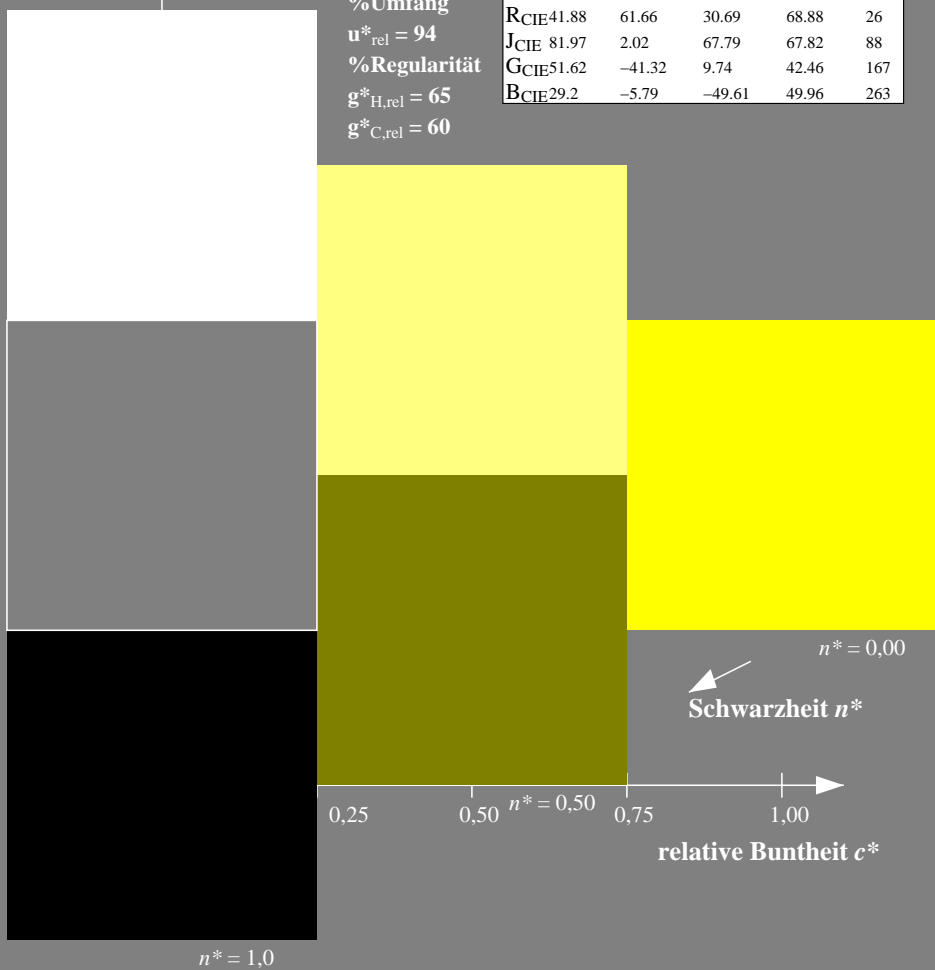
| | | | |
|----------|-------|--------|-------|
| LAB*LAB | 93.43 | -14.18 | 82.57 |
| LAB*LABa | 93.43 | -14.18 | 82.57 |
| LAB*TCHa | 50.0 | 83.78 | 99.75 |

relative CIELAB lab*

| | | | |
|---------|-------|--------|-------|
| lab*lab | 0.979 | -0.168 | 0.985 |
| lab*tch | 0.5 | 1.0 | 0.277 |
| lab*nch | 0.0 | 1.0 | 0.277 |

relative Natural Colour (NC)

| | | | |
|---------|-------|--------|-------|
| lab*lrj | 0.979 | -0.229 | 0.973 |
| lab*tce | 0.5 | 1.0 | 0.287 |
| lab*nce | 0.0 | 1.0 | j14g |



PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 93/360 = 0.258 (links)

3 stufige Reihen für konstanten CIELAB Buntton 100/360 = 0.277 (rechts)

BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

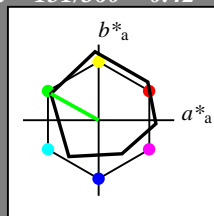
D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.42$
 lab^*tch und lab^*nch

D50: Buntton L
 LCH*Ma: 51 72 151
 olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

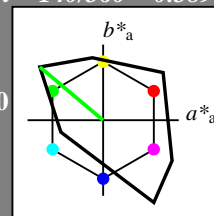
%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 140/360 = 0.389$
 lab^*tch und lab^*nch

D50: Buntton L
 LCH*Ma: 83 109 140
 olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 95.41 | 0.0 | 0.0 |
| LAB*LABa | 95.41 | 0.0 | 0.0 |
| LAB*TCHa | 99.99 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*tch | 1.0 | 0.0 | - |
| lab*nch | 0.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 1.0 | 0.0 | 0.0 |
| lab*tce | 1.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.5 | 1.0 | 0.5 | (1.0) |
| cmyn3* | 0.5 | 0.0 | 0.5 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.5 | 1.0 |
| cmyn4* | 0.5 | 0.0 | 0.5 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 89.11 | -41.85 | 35.2 |
| LAB*LABa | 89.11 | -41.85 | 35.2 |
| LAB*TCHa | 75.0 | 54.69 | 139.94 |

relative CIELAB lab*

| | | | |
|---------|-------|--------|-------|
| lab*lab | 0.934 | -0.382 | 0.322 |
| lab*tch | 0.75 | 0.5 | 0.389 |
| lab*nch | 0.0 | 0.5 | 0.389 |

relative Natural Colour (NC)

| | | | |
|---------|-------|--------|-------|
| lab*lrj | 0.934 | -0.436 | 0.242 |
| lab*tce | 0.75 | 0.5 | 0.419 |
| lab*nce | 0.0 | 0.5 | 0.67g |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.5 | 0.5 | 0.5 | (1.0) |
| cmyn3* | 0.5 | 0.5 | 0.5 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 0.5 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 47.72 | 0.0 | 0.0 |
| LAB*LABa | 47.72 | 0.0 | 0.0 |
| LAB*TCHa | 50.0 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.5 | 0.0 | 0.0 |
| lab*tch | 0.5 | 0.0 | - |
| lab*nch | 0.5 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 0.5 | 0.0 | 0.0 |
| lab*tce | 0.5 | 0.0 | - |
| lab*nce | 0.5 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|------|-----|-----|-------|
| olvi3* | 0.0 | 0.5 | 0.0 | (1.0) |
| cmyn3* | 0.25 | 0.5 | 1.0 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.5 | 0.5 |
| cmyn4* | 0.5 | 0.0 | 0.5 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 41.42 | -41.85 | 35.2 |
| LAB*LABa | 41.42 | -41.85 | 35.2 |
| LAB*TCHa | 25.01 | 54.69 | 139.94 |

relative CIELAB lab*

| | | | |
|---------|-------|--------|-------|
| lab*lab | 0.434 | -0.382 | 0.322 |
| lab*tch | 0.25 | 0.5 | 0.389 |
| lab*nch | 0.5 | 0.5 | 0.389 |

relative Natural Colour (NC)

| | | | |
|---------|-------|--------|-------|
| lab*lrj | 0.434 | -0.436 | 0.242 |
| lab*tce | 0.25 | 0.5 | 0.419 |
| lab*nce | 0.5 | 0.5 | 0.67g |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.0 | 1.0 | 0.0 | (1.0) |
| cmyn3* | 1.0 | 0.0 | 1.0 | (0.0) |
| olvi4* | 0.0 | 1.0 | 0.0 | 1.0 |
| cmyn4* | 1.0 | 0.0 | 1.0 | 0.0 |

standard and adapted CIELAB

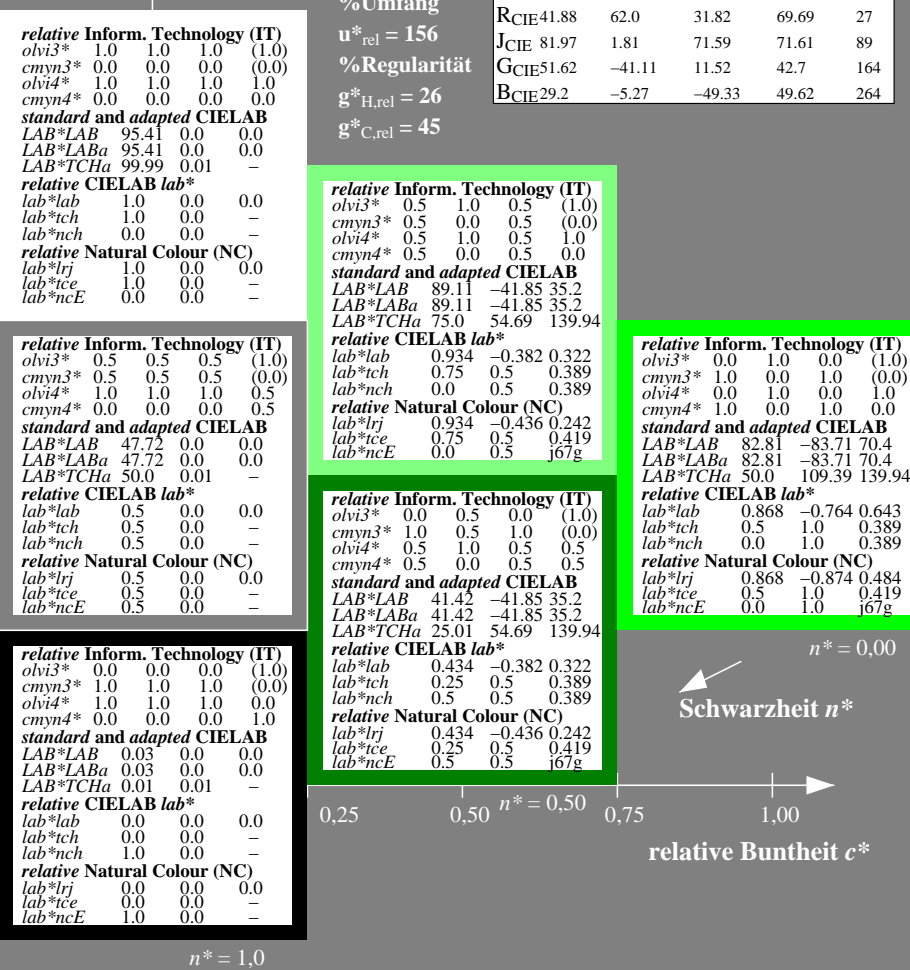
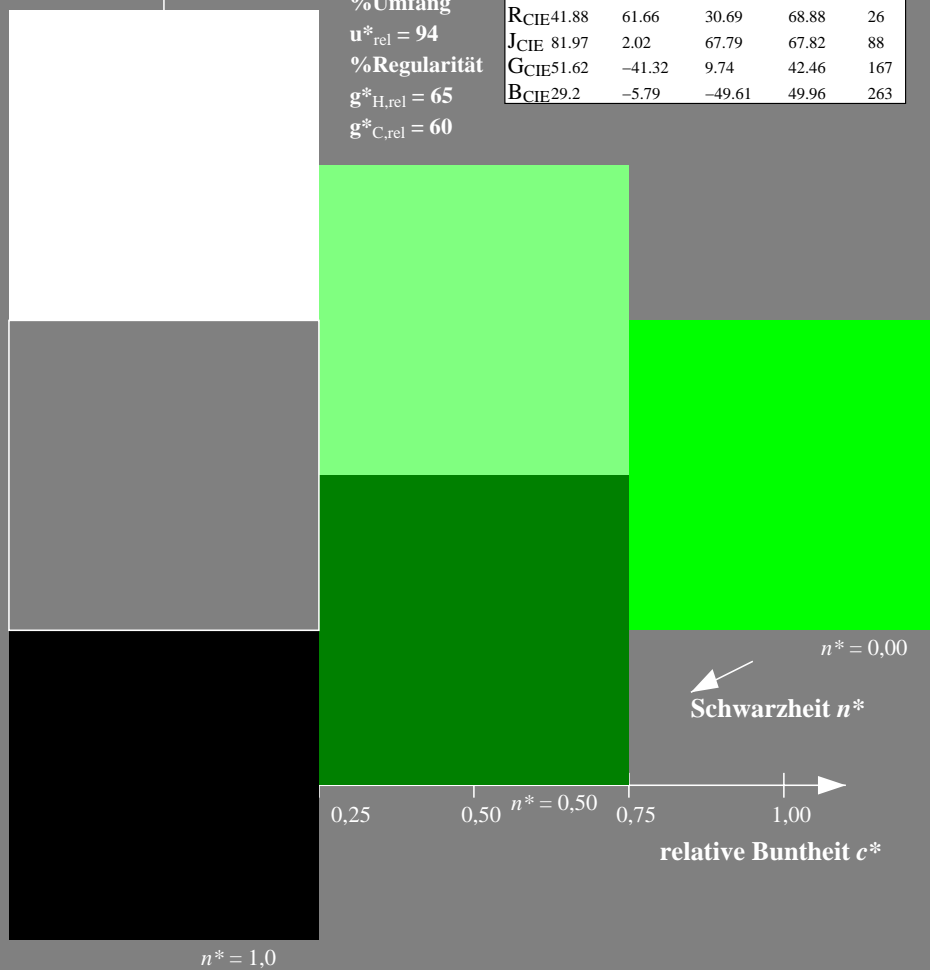
| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 82.81 | -83.71 | 70.4 |
| LAB*LABa | 82.81 | -83.71 | 70.4 |
| LAB*TCHa | 50.0 | 109.39 | 139.94 |

relative CIELAB lab*

| | | | |
|---------|-------|--------|-------|
| lab*lab | 0.868 | -0.764 | 0.643 |
| lab*tch | 0.5 | 1.0 | 0.389 |
| lab*nch | 0.0 | 1.0 | 0.389 |

relative Natural Colour (NC)

| | | | |
|---------|-------|--------|-------|
| lab*lrj | 0.868 | -0.874 | 0.484 |
| lab*tce | 0.5 | 1.0 | 0.419 |
| lab*nce | 0.0 | 1.0 | 0.67g |



Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-PG00/10Q/Q00G02NP.PS/.PDF BAM-Material: Code=rh4ta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
 /R000 Form: 3/10, Serie: 1/1, Seite: 3
 Seitenlung 3

PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.42 (links)

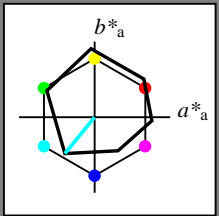
3 stufige Reihen für konstanten CIELAB Buntton 140/360 = 0.389 (rechts)

BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor
 D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 231/360 = 0.641$
 lab^*tch und lab^*nch

D50: Buntton C
 LCH*Ma: 57 62 231
 olv*Ma: 0.0 1.0 1.0
 Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

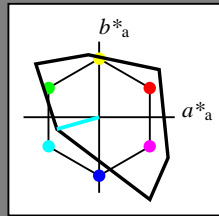
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 196/360 = 0.544$
 lab^*tch und lab^*nch

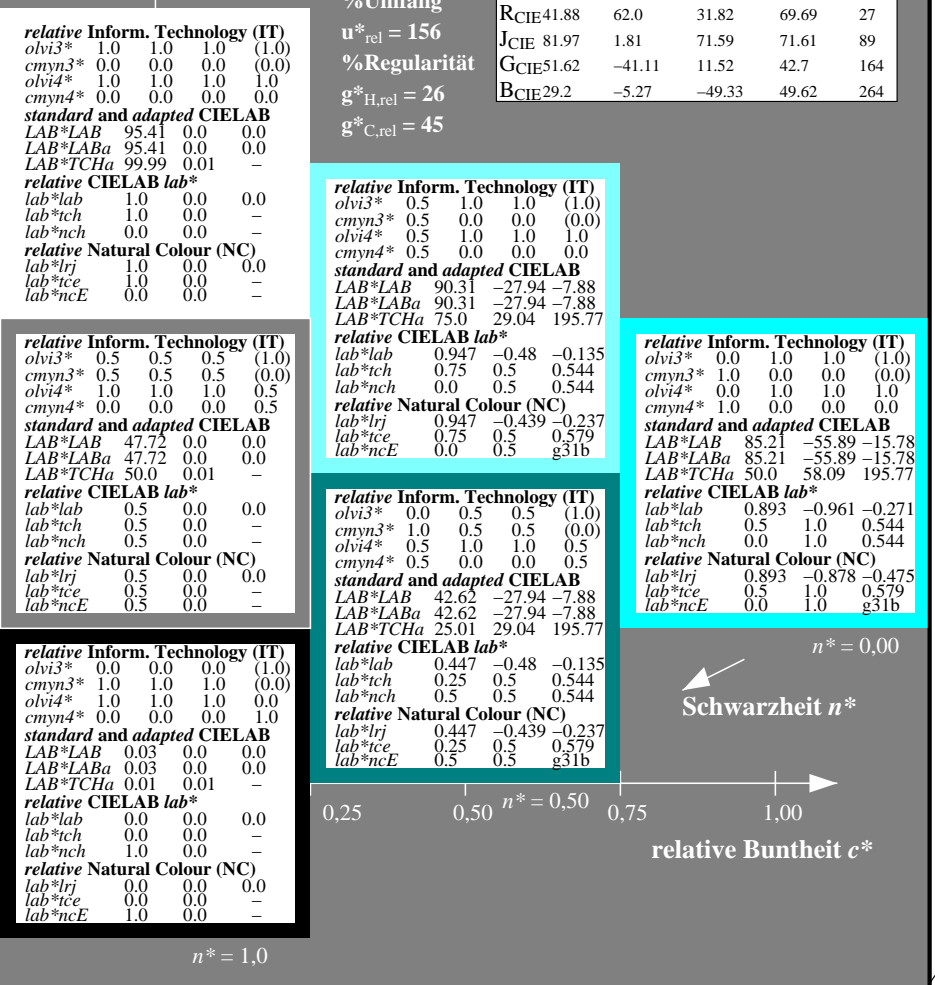
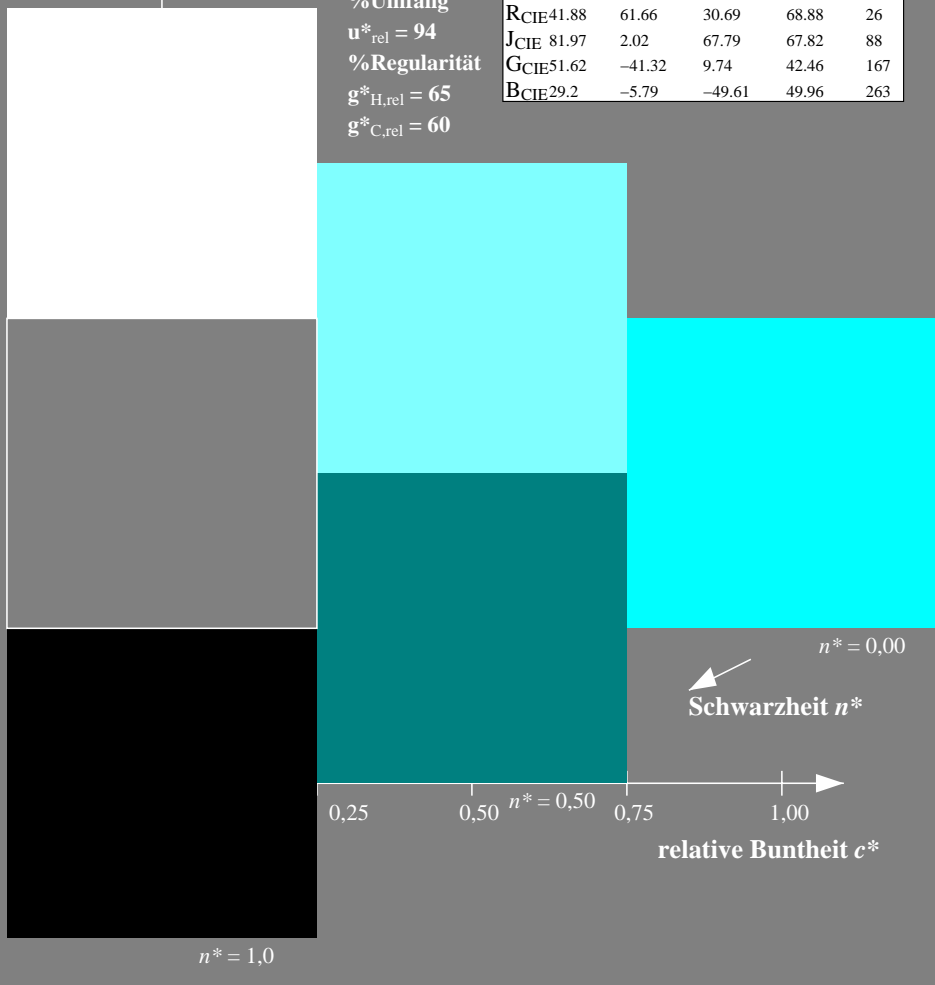
D50: Buntton C
 LCH*Ma: 85 58 196
 olv*Ma: 0.0 1.0 1.0
 Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$



relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 95.41 | 0.0 | 0.0 |
| LAB*LABa | 95.41 | 0.0 | 0.0 |
| LAB*TCHa | 99.99 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*tch | 1.0 | 0.0 | - |
| lab*nch | 0.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 1.0 | 0.0 | 0.0 |
| lab*tce | 1.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.5 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 0.5 | 0.0 | 0.0 | (0.0) |
| olvi4* | 0.5 | 1.0 | 1.0 | 1.0 |
| cmyn4* | 0.5 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 90.31 | -27.94 | -7.88 |
| LAB*LABa | 90.31 | -27.94 | -7.88 |
| LAB*TCHa | 75.0 | 29.04 | 195.77 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|--------|
| lab*lab | 0.947 | -0.48 | -0.135 |
| lab*tch | 0.75 | 0.5 | 0.544 |
| lab*nch | 0.0 | 0.5 | 0.544 |

relative Natural Colour (NC)

| | | | |
|---------|-------|--------|--------|
| lab*lrj | 0.947 | -0.439 | -0.237 |
| lab*tce | 0.75 | 0.5 | 0.579 |
| lab*nce | 0.0 | 0.5 | g31b |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.0 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 1.0 | 0.0 | 0.0 | (0.0) |
| olvi4* | 0.0 | 1.0 | 1.0 | 1.0 |
| cmyn4* | 1.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 85.21 | -55.89 | -15.78 |
| LAB*LABa | 85.21 | -55.89 | -15.78 |
| LAB*TCHa | 50.0 | 58.09 | 195.77 |

relative CIELAB lab*

| | | | |
|---------|-------|--------|--------|
| lab*lab | 0.893 | -0.961 | -0.271 |
| lab*tch | 0.5 | 1.0 | 0.544 |
| lab*nch | 0.0 | 1.0 | 0.544 |

relative Natural Colour (NC)

| | | | |
|---------|-------|--------|--------|
| lab*lrj | 0.893 | -0.878 | -0.475 |
| lab*tce | 0.5 | 1.0 | 0.579 |
| lab*nce | 0.0 | 1.0 | g31b |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3* | 1.0 | 1.0 | 1.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 1.0 |

standard and adapted CIELAB

| | | | |
|----------|------|------|-----|
| LAB*LAB | 0.03 | 0.0 | 0.0 |
| LAB*LABa | 0.03 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*tch | 0.0 | 0.0 | - |
| lab*nch | 1.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 0.0 | 0.0 | 0.0 |
| lab*tce | 0.0 | 0.0 | - |
| lab*nce | 1.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.0 | 0.5 | 0.5 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.5 | (0.0) |
| olvi4* | 0.5 | 1.0 | 1.0 | 0.5 |
| cmyn4* | 0.5 | 0.0 | 0.0 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 42.62 | -27.94 | -7.88 |
| LAB*LABa | 42.62 | -27.94 | -7.88 |
| LAB*TCHa | 25.01 | 29.04 | 195.77 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|--------|
| lab*lab | 0.447 | -0.48 | -0.135 |
| lab*tch | 0.25 | 0.5 | 0.544 |
| lab*nch | 0.5 | 0.5 | 0.544 |

relative Natural Colour (NC)

| | | | |
|---------|-------|--------|--------|
| lab*lrj | 0.447 | -0.439 | -0.237 |
| lab*tce | 0.25 | 0.5 | 0.579 |
| lab*nce | 0.5 | 0.5 | g31b |

PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 231/360 = 0.641 (links)

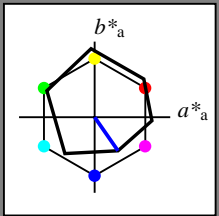
3 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.544 (rechts)

BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor
 D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

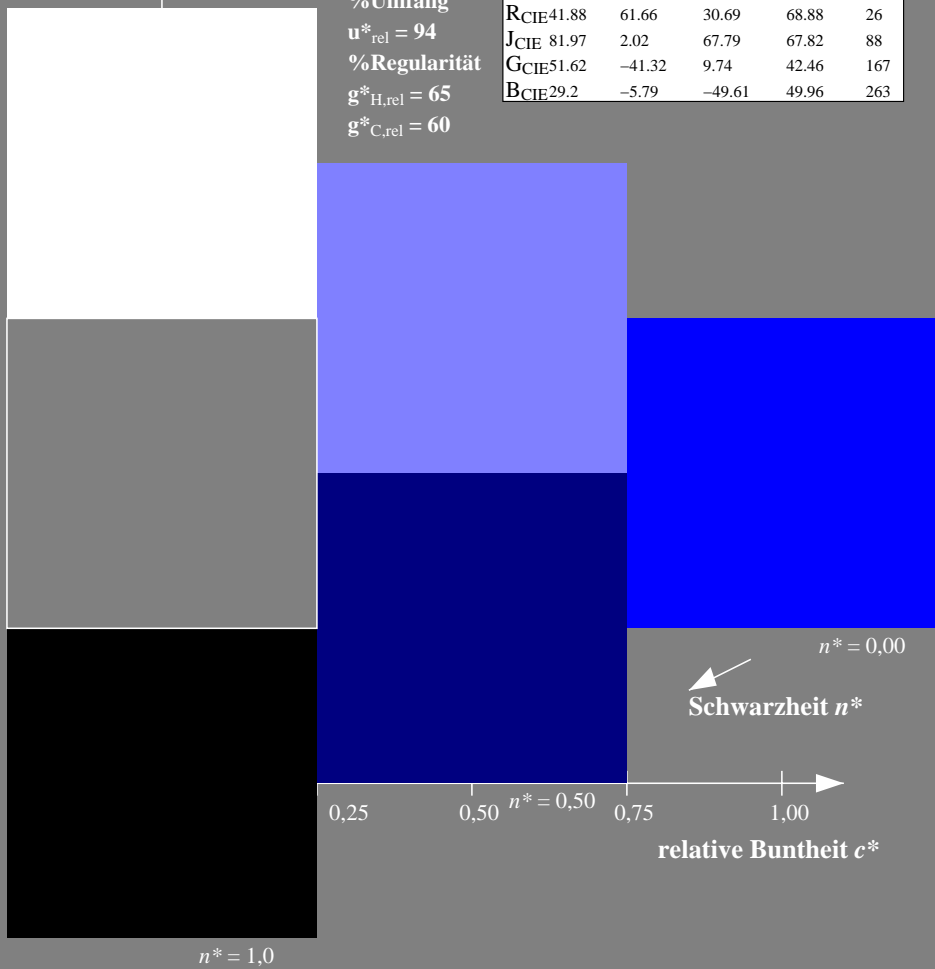
D50: Buntton V
 LCH*Ma: 26 54 305
 olv*Ma: 0.0 0.0 1.0
 Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

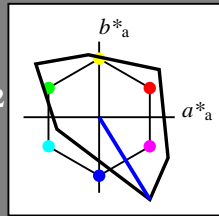
%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$



Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 302/360 = 0.838$
 lab^*tch und lab^*nch

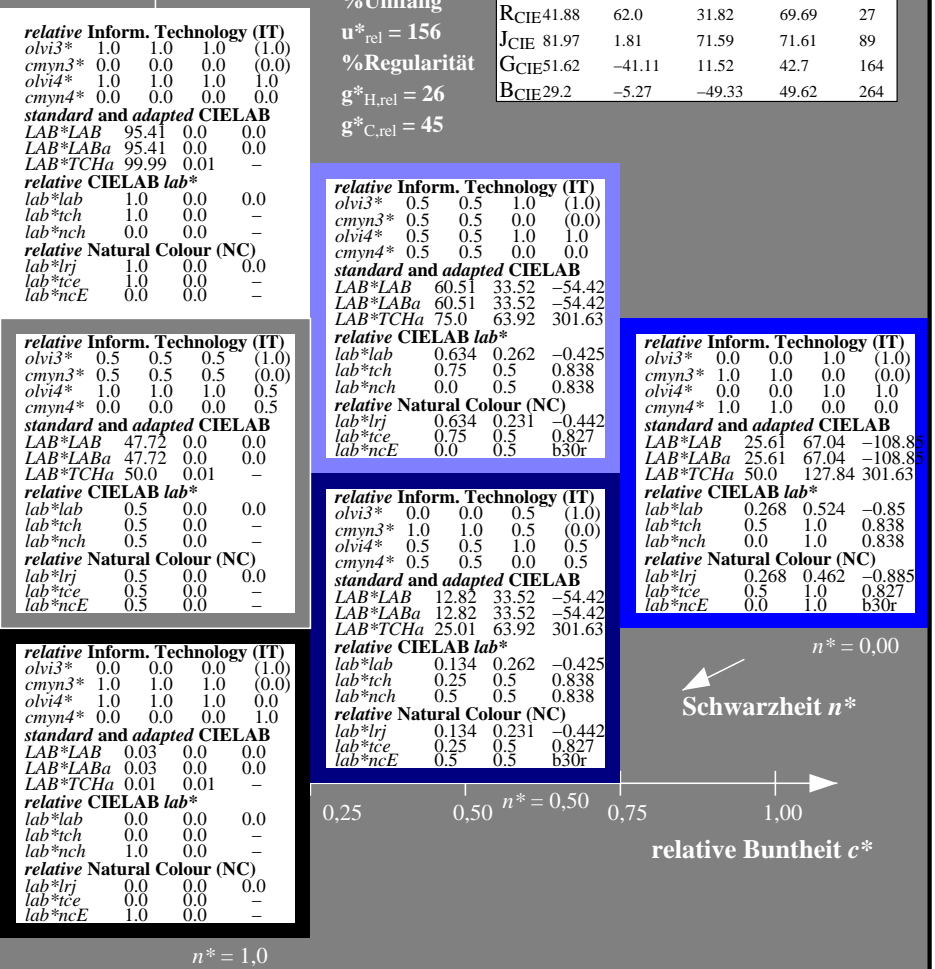
D50: Buntton V
 LCH*Ma: 26 128 302
 olv*Ma: 0.0 0.0 1.0
 Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$



Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-PG00/10Q/Q00G04NP.PS/.PDF BAM-Material: Code=rh4ta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
 /RC000 Form: 5/10, Serie: 1/1, Seite: 5
 Seitenlung 5

PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

3 stufige Reihen für konstanten CIELAB Buntton 302/360 = 0.838 (rechts)

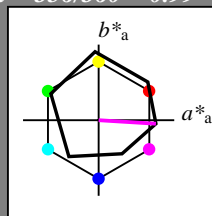
BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: $olv^* setrgbcolor$
 D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 356/360 = 0.99$
 lab^*tch und lab^*nch

D50: Buntton M
 LCH*Ma: 50 76 356
 olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

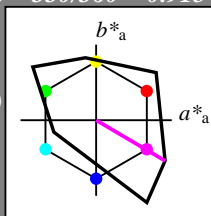
%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 330/360 = 0.915$
 lab^*tch und lab^*nch

D50: Buntton M
 LCH*Ma: 59 106 330
 olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 95.41 | 0.0 | 0.0 |
| LAB*LABa | 95.41 | 0.0 | 0.0 |
| LAB*TCHa | 99.99 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*tch | 1.0 | 0.0 | - |
| lab*nch | 0.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 1.0 | 0.0 | 0.0 |
| lab*tce | 1.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 0.5 | 1.0 | (1.0) |
| cmyn3* | 0.0 | 0.5 | 0.0 | (0.0) |
| olvi4* | 1.0 | 0.5 | 1.0 | 1.0 |
| cmyn4* | 0.0 | 0.5 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 77.08 | 45.58 | -26.83 |
| LAB*LABa | 77.08 | 45.58 | -26.83 |
| LAB*TCHa | 75.0 | 52.9 | 329.5 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|--------|
| lab*lab | 0.808 | 0.431 | -0.253 |
| lab*tch | 0.75 | 0.5 | 0.915 |
| lab*nch | 0.0 | 0.5 | 0.915 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-------|--------|
| lab*lrj | 0.808 | 0.371 | -0.334 |
| lab*tce | 0.75 | 0.5 | 0.883 |
| lab*nce | 0.0 | 0.5 | b53r |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.5 | 0.5 | 0.5 | (1.0) |
| cmyn3* | 0.5 | 0.5 | 0.5 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 0.5 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 47.72 | 0.0 | 0.0 |
| LAB*LABa | 47.72 | 0.0 | 0.0 |
| LAB*TCHa | 50.0 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.5 | 0.0 | 0.0 |
| lab*tch | 0.5 | 0.0 | - |
| lab*nch | 0.5 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 0.5 | 0.0 | 0.0 |
| lab*tce | 0.5 | 0.0 | - |
| lab*nce | 0.5 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.5 | 0.0 | 0.5 | (1.0) |
| cmyn3* | 0.5 | 1.0 | 0.5 | (0.0) |
| olvi4* | 1.0 | 0.5 | 1.0 | 0.5 |
| cmyn4* | 0.0 | 0.5 | 0.0 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 29.39 | 45.58 | -26.83 |
| LAB*LABa | 29.39 | 45.58 | -26.83 |
| LAB*TCHa | 25.01 | 52.9 | 329.5 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|--------|
| lab*lab | 0.308 | 0.431 | -0.253 |
| lab*tch | 0.25 | 0.5 | 0.915 |
| lab*nch | 0.5 | 0.5 | 0.915 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-------|--------|
| lab*lrj | 0.308 | 0.371 | -0.334 |
| lab*tce | 0.25 | 0.5 | 0.883 |
| lab*nce | 0.5 | 0.5 | b53r |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3* | 1.0 | 1.0 | 1.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 1.0 |

standard and adapted CIELAB

| | | | |
|----------|------|------|-----|
| LAB*LAB | 0.03 | 0.0 | 0.0 |
| LAB*LABa | 0.03 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*tch | 0.0 | 0.0 | - |
| lab*nch | 1.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 0.0 | 0.0 | 0.0 |
| lab*tce | 0.0 | 0.0 | - |
| lab*nce | 1.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 0.0 | 1.0 | (1.0) |
| cmyn3* | 0.0 | 1.0 | 0.0 | (0.0) |
| olvi4* | 1.0 | 0.0 | 1.0 | 1.0 |
| cmyn4* | 0.0 | 1.0 | 0.0 | 0.0 |

standard and adapted CIELAB

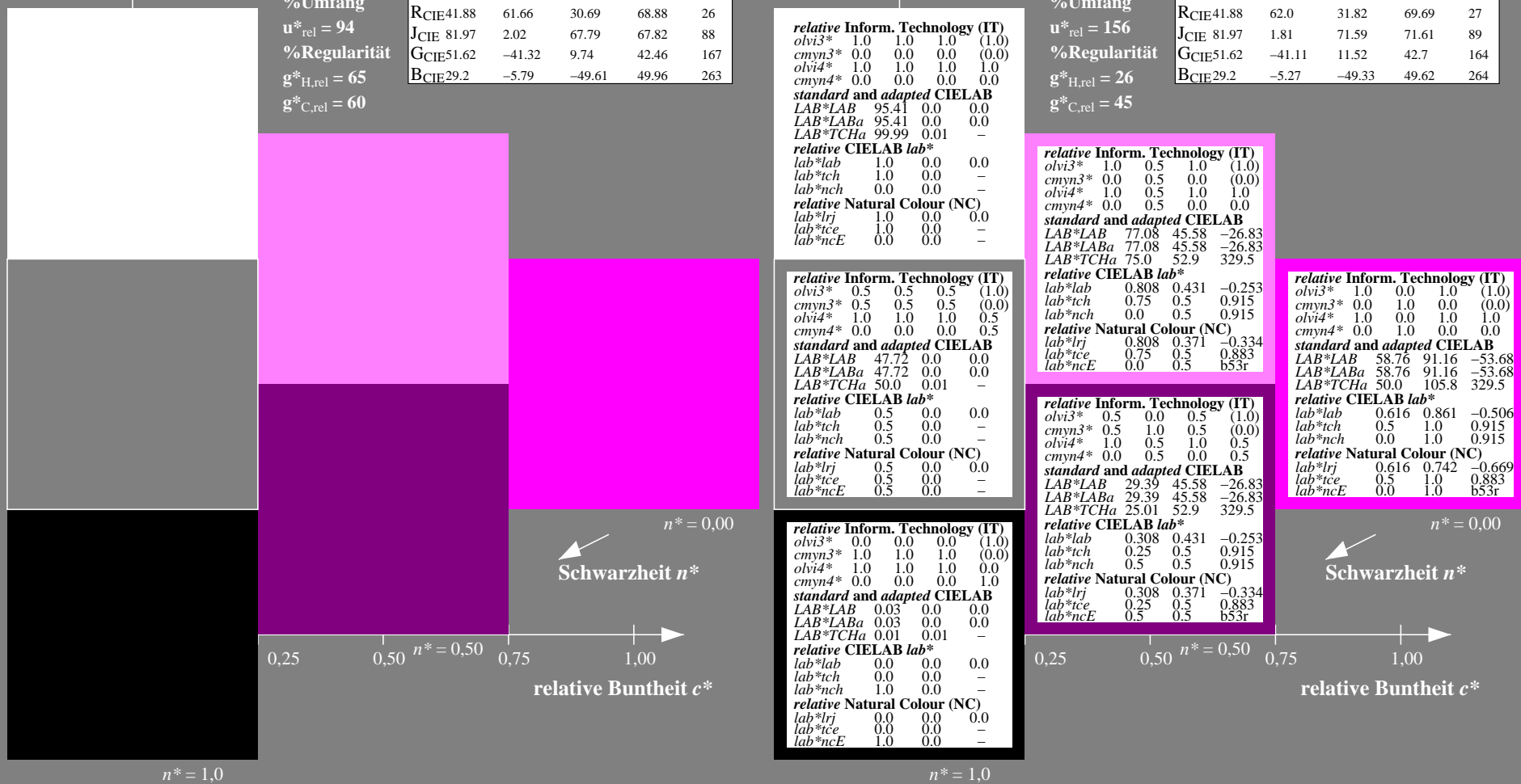
| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 58.76 | 91.16 | -53.68 |
| LAB*LABa | 58.76 | 91.16 | -53.68 |
| LAB*TCHa | 50.0 | 105.8 | 329.5 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|--------|
| lab*lab | 0.616 | 0.861 | -0.506 |
| lab*tch | 0.5 | 1.0 | 0.915 |
| lab*nch | 0.0 | 1.0 | 0.915 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-------|--------|
| lab*lrj | 0.616 | 0.742 | -0.669 |
| lab*tce | 0.5 | 1.0 | 0.883 |
| lab*nce | 0.0 | 1.0 | b53r |



Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

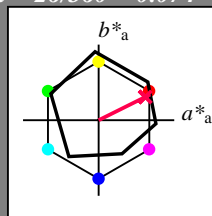
BAM-Registrierung: 20060101-PG00/10Q/Q00G05NP.PS/.PDF BAM-Material: Code=rh4ta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
 /PG00 Form: 6/10, Serie: 1/1, Seite: 6
 Seitenlung 6

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 26/360 = 0.074$
 lab^*tch und lab^*nch

D50: Buntton R
 LCH*Ma: 49 76 26
 olv*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

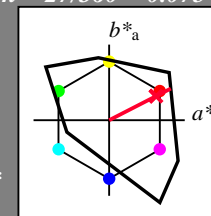
%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 27/360 = 0.075$
 lab^*tch und lab^*nch

D50: Buntton R
 LCH*Ma: 55 92 27
 olv*Ma: 1.0 0.0 0.18

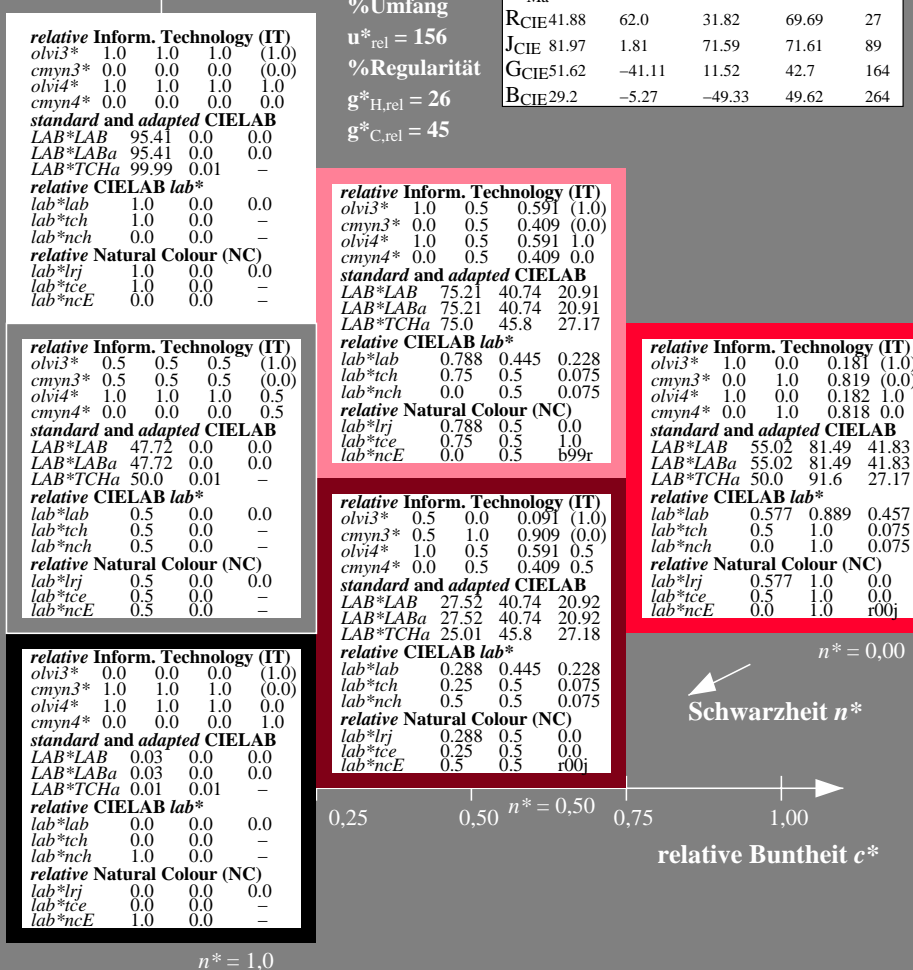
Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$



relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 95.41 | 0.0 | 0.0 |
| LAB*LABa | 95.41 | 0.0 | 0.0 |
| LAB*TCHa | 99.99 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*tch | 1.0 | 0.0 | - |
| lab*nch | 0.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 1.0 | 0.0 | 0.0 |
| lab*tce | 1.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-------|-------|
| olvi3* | 1.0 | 0.5 | 0.591 | (1.0) |
| cmyn3* | 0.0 | 0.5 | 0.409 | (0.0) |
| olvi4* | 1.0 | 0.5 | 0.591 | 1.0 |
| cmyn4* | 0.0 | 0.5 | 0.409 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 75.21 | 40.74 | 20.91 |
| LAB*LABa | 75.21 | 40.74 | 20.91 |
| LAB*TCHa | 75.0 | 45.8 | 27.17 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|-------|
| lab*lab | 0.788 | 0.445 | 0.228 |
| lab*tch | 0.75 | 0.5 | 0.075 |
| lab*nch | 0.0 | 0.5 | 0.075 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|-------|
| lab*lrj | 0.788 | 0.5 | 0.0 |
| lab*tce | 0.75 | 0.5 | 1.0 |
| lab*nce | 0.0 | 0.5 | 0.99r |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-------|-------|
| olvi3* | 1.0 | 0.0 | 0.181 | (1.0) |
| cmyn3* | 0.0 | 1.0 | 0.819 | (0.0) |
| olvi4* | 1.0 | 0.0 | 0.182 | 1.0 |
| cmyn4* | 0.0 | 1.0 | 0.818 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 55.02 | 81.49 | 41.83 |
| LAB*LABa | 55.02 | 81.49 | 41.83 |
| LAB*TCHa | 50.0 | 91.6 | 27.17 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|-------|
| lab*lab | 0.577 | 0.889 | 0.457 |
| lab*tch | 0.5 | 1.0 | 0.075 |
| lab*nch | 0.0 | 1.0 | 0.075 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|------|
| lab*lrj | 0.577 | 1.0 | 0.0 |
| lab*tce | 0.5 | 1.0 | 0.0 |
| lab*nce | 0.0 | 1.0 | r00j |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3* | 1.0 | 1.0 | 1.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 1.0 |

standard and adapted CIELAB

| | | | |
|----------|------|------|-----|
| LAB*LAB | 0.03 | 0.0 | 0.0 |
| LAB*LABa | 0.03 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*tch | 0.0 | 0.0 | - |
| lab*nch | 1.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 0.0 | 0.0 | 0.0 |
| lab*tce | 0.0 | 0.0 | - |
| lab*nce | 1.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-------|-------|
| olvi3* | 0.5 | 0.0 | 0.091 | (1.0) |
| cmyn3* | 0.5 | 1.0 | 0.909 | (0.0) |
| olvi4* | 1.0 | 0.5 | 0.591 | 0.5 |
| cmyn4* | 0.0 | 0.5 | 0.409 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 27.52 | 40.74 | 20.92 |
| LAB*LABa | 27.52 | 40.74 | 20.92 |
| LAB*TCHa | 25.01 | 45.8 | 27.18 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|-------|
| lab*lab | 0.288 | 0.445 | 0.228 |
| lab*tch | 0.25 | 0.5 | 0.075 |
| lab*nch | 0.5 | 0.5 | 0.075 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|------|
| lab*lrj | 0.288 | 0.5 | 0.0 |
| lab*tce | 0.25 | 0.5 | 0.0 |
| lab*nce | 0.5 | 0.5 | r00j |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-------|-------|
| olvi3* | 1.0 | 0.0 | 0.181 | (1.0) |
| cmyn3* | 0.0 | 1.0 | 0.819 | (0.0) |
| olvi4* | 1.0 | 0.0 | 0.182 | 1.0 |
| cmyn4* | 0.0 | 1.0 | 0.818 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 55.02 | 81.49 | 41.83 |
| LAB*LABa | 55.02 | 81.49 | 41.83 |
| LAB*TCHa | 50.0 | 91.6 | 27.17 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|-------|
| lab*lab | 0.577 | 0.889 | 0.457 |
| lab*tch | 0.5 | 1.0 | 0.075 |
| lab*nch | 0.0 | 1.0 | 0.075 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|------|
| lab*lrj | 0.577 | 1.0 | 0.0 |
| lab*tce | 0.5 | 1.0 | 0.0 |
| lab*nce | 0.0 | 1.0 | r00j |

Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

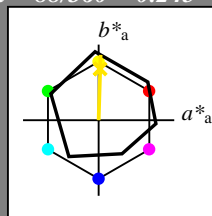
BAM-Registrierung: 20060101-PG00/10Q/Q00G06NP.PS/.PDF BAM-Material: Code=rh4ta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
 /R000 Form: 7/10, Serie: 1/1, Seite: 7
 Seitenhang 7

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 88/360 = 0.245$
 lab^*tch und lab^*nch

D50: Buntton J
 LCH*Ma: 86 86 88
 olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

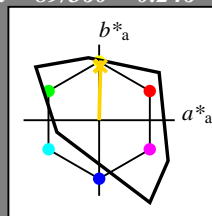
%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 89/360 = 0.246$
 lab^*tch und lab^*nch

D50: Buntton J
 LCH*Ma: 87 79 89
 olv*Ma: 1.0 0.83 0.0

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 95.41 | 0.0 | 0.0 |
| LAB*LABa | 95.41 | 0.0 | 0.0 |
| LAB*TCHa | 99.99 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*tch | 1.0 | 0.0 | - |
| lab*nch | 0.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 1.0 | 0.0 | 0.0 |
| lab*tce | 1.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-------|-----|-------|
| olvi3* | 1.0 | 0.913 | 0.5 | (1.0) |
| cmyn3* | 0.0 | 0.087 | 0.5 | (0.0) |
| olvi4* | 1.0 | 0.914 | 0.5 | 1.0 |
| cmyn4* | 0.0 | 0.086 | 0.5 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 91.02 | 0.99 | 39.59 |
| LAB*LABa | 91.02 | 0.99 | 39.59 |
| LAB*TCHa | 75.0 | 39.61 | 88.56 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|-------|
| lab*lab | 0.954 | 0.013 | 0.5 |
| lab*tch | 0.75 | 0.5 | 0.246 |
| lab*nch | 0.0 | 0.5 | 0.246 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|------|
| lab*lrj | 0.954 | 0.0 | 0.5 |
| lab*tce | 0.75 | 0.5 | 0.25 |
| lab*nce | 0.0 | 0.5 | j00g |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.5 | 0.5 | 0.5 | (1.0) |
| cmyn3* | 0.5 | 0.5 | 0.5 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 0.5 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 47.72 | 0.0 | 0.0 |
| LAB*LABa | 47.72 | 0.0 | 0.0 |
| LAB*TCHa | 50.0 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.5 | 0.0 | 0.0 |
| lab*tch | 0.5 | 0.0 | - |
| lab*nch | 0.5 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 0.5 | 0.0 | 0.0 |
| lab*tce | 0.5 | 0.0 | - |
| lab*nce | 0.5 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-------|-----|-------|
| olvi3* | 0.5 | 0.413 | 0.0 | (1.0) |
| cmyn3* | 0.5 | 0.587 | 1.0 | (0.0) |
| olvi4* | 1.0 | 0.913 | 0.5 | 0.5 |
| cmyn4* | 0.0 | 0.087 | 0.5 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-------|
| LAB*LAB | 43.33 | 1.0 | 39.59 |
| LAB*LABa | 43.33 | 1.0 | 39.59 |
| LAB*TCHa | 25.01 | 39.6 | 88.55 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|-------|
| lab*lab | 0.454 | 0.013 | 0.5 |
| lab*tch | 0.25 | 0.5 | 0.246 |
| lab*nch | 0.5 | 0.5 | 0.246 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|------|
| lab*lrj | 0.454 | 0.0 | 0.5 |
| lab*tce | 0.25 | 0.5 | 0.25 |
| lab*nce | 0.5 | 0.5 | j99j |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-------|-----|-------|
| olvi3* | 1.0 | 0.827 | 0.0 | (1.0) |
| cmyn3* | 0.0 | 0.173 | 1.0 | (0.0) |
| olvi4* | 1.0 | 0.827 | 0.0 | 1.0 |
| cmyn4* | 0.0 | 0.173 | 1.0 | 0.0 |

standard and adapted CIELAB

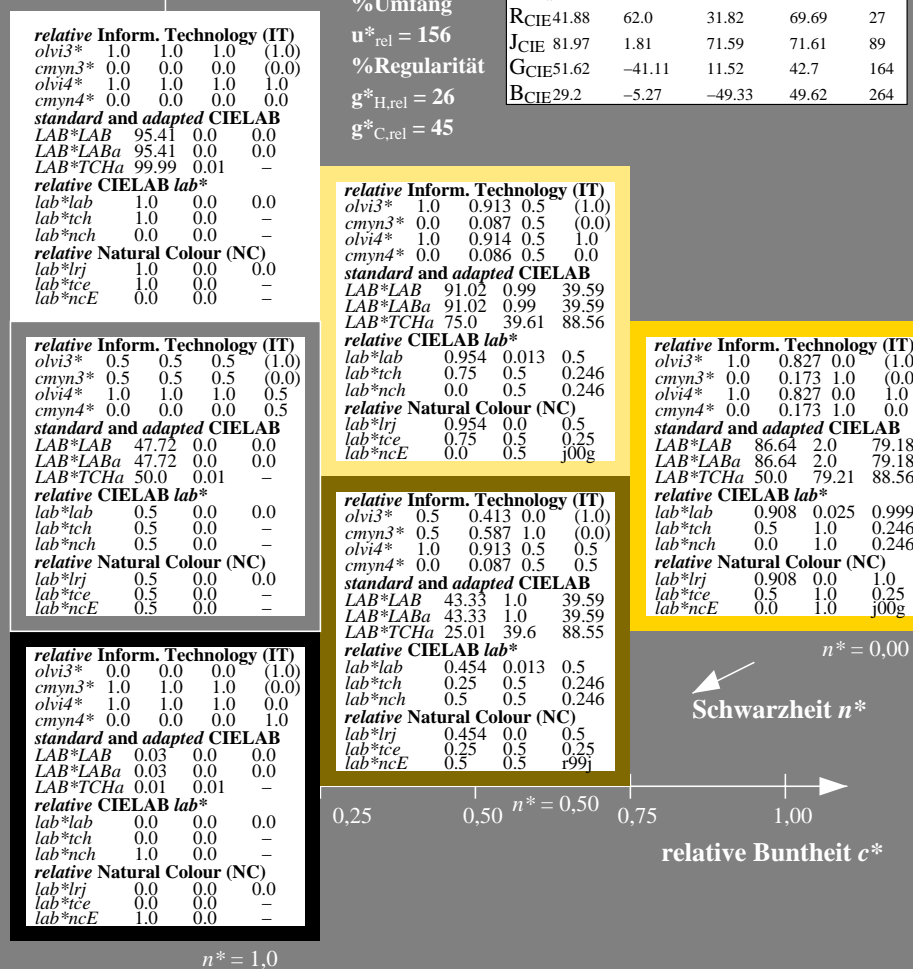
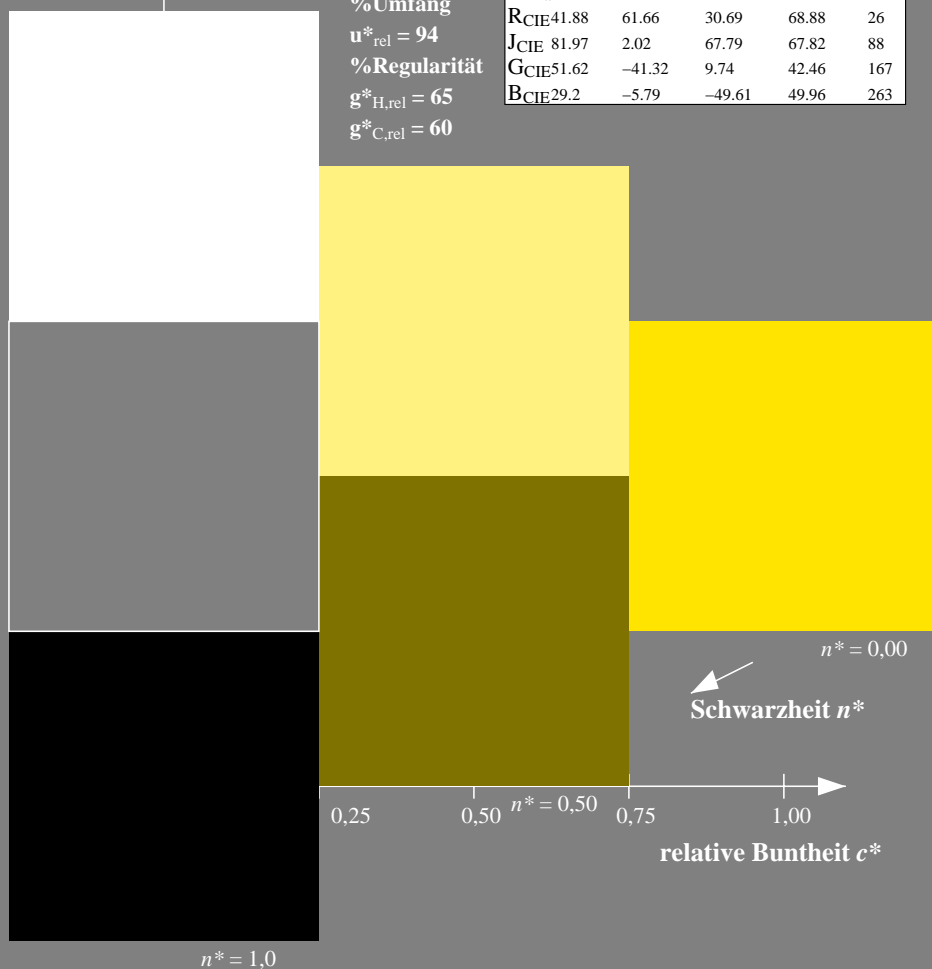
| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 86.64 | 2.0 | 79.18 |
| LAB*LABa | 86.64 | 2.0 | 79.18 |
| LAB*TCHa | 50.0 | 79.21 | 88.56 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|-------|
| lab*lab | 0.908 | 0.025 | 0.999 |
| lab*tch | 0.5 | 1.0 | 0.246 |
| lab*nch | 0.0 | 1.0 | 0.246 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|------|
| lab*lrj | 0.908 | 0.0 | 1.0 |
| lab*tce | 0.5 | 1.0 | 0.25 |
| lab*nce | 0.0 | 1.0 | j00g |



PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 88/360 = 0.245 (links)

3 stufige Reihen für konstanten CIELAB Buntton 89/360 = 0.246 (rechts)

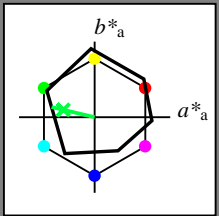
BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor
 D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 167/360 = 0.463$
 lab^*tch und lab^*nch

D50: Buntton G
 LCH*Ma: 52 59 167
 olv*Ma: 0.0 1.0 0.26

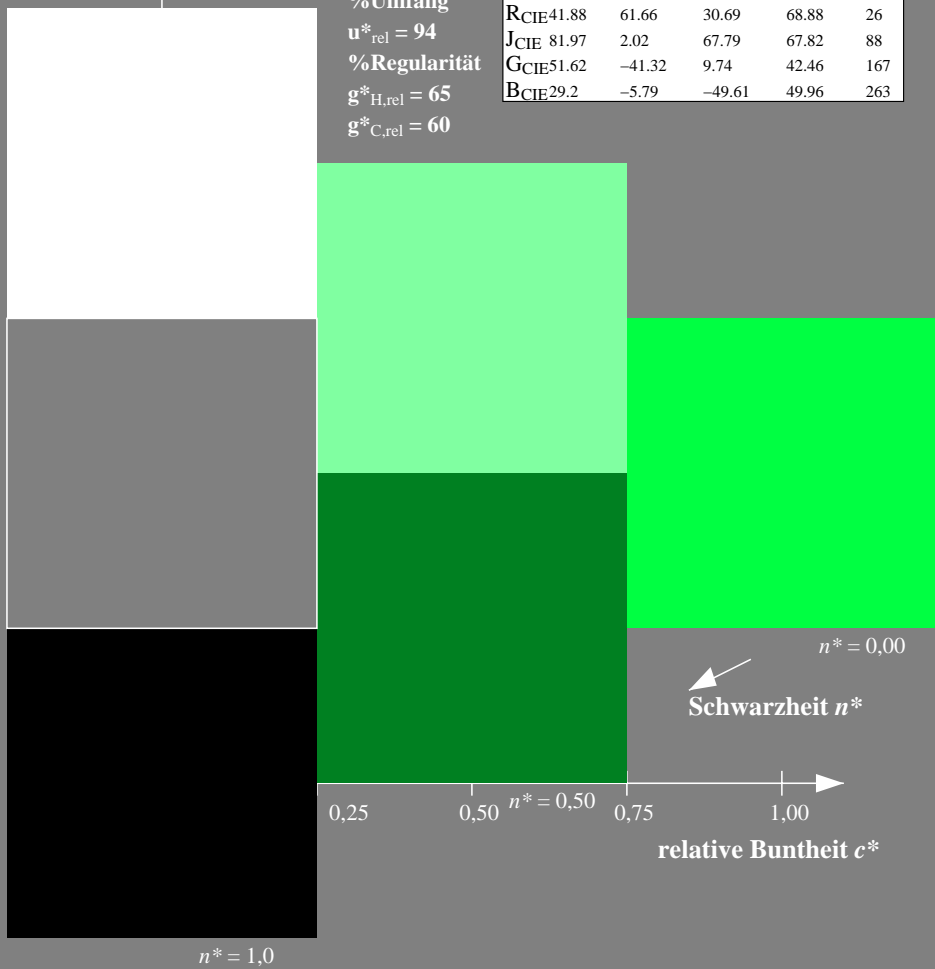
Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

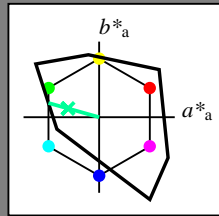


Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

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

D50: Buntton G
 LCH*Ma: 84 70 164
 olv*Ma: 0.0 1.0 0.6

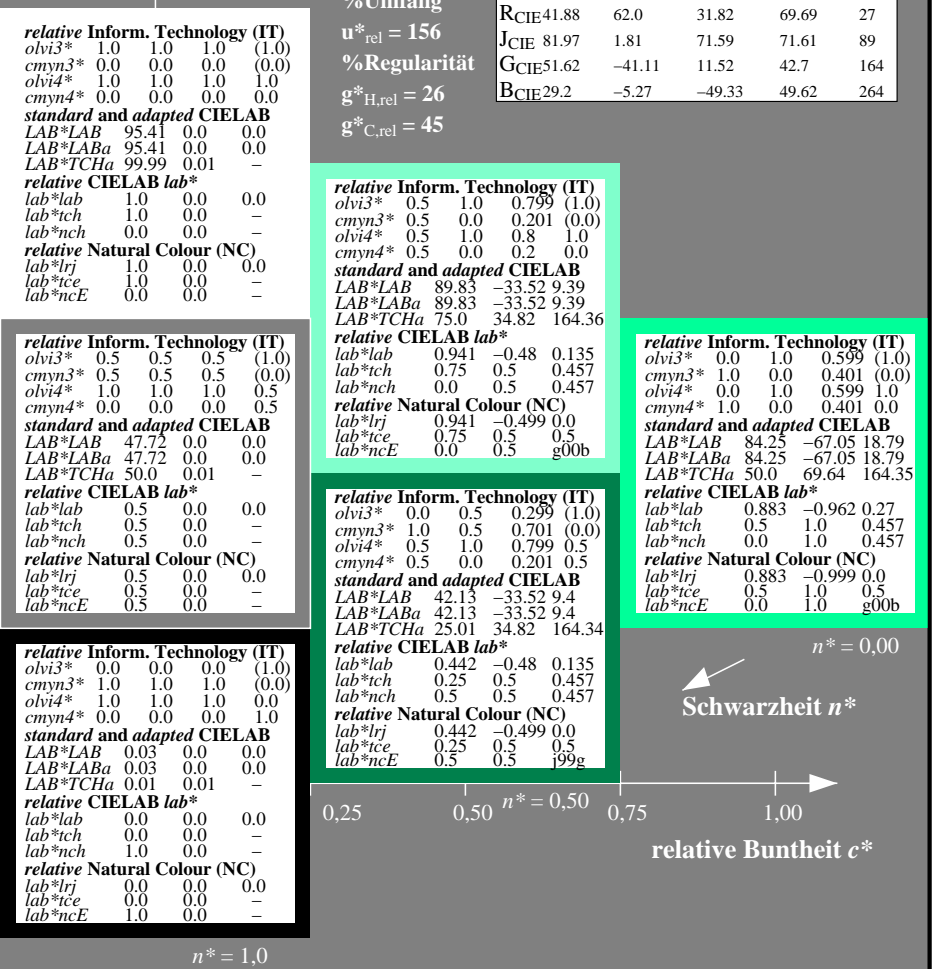
Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$



Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-PG00/10Q/Q00G08NP.PS/.PDF BAM-Material: Code=rh4ta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
 /R000 Form: 9/10, Serie: 1/1, Seite: 9
 Seitenlung 9

PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.463 (links)

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

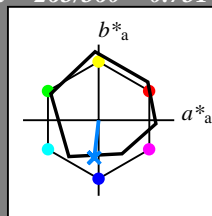
BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: $olv^* setrgbcolor$
 D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 263/360 = 0.731$
 lab^*tch und lab^*nch

D50: Buntton B
 LCH*Ma: 42 47 263
 olv*Ma: 0.0 0.52 1.0

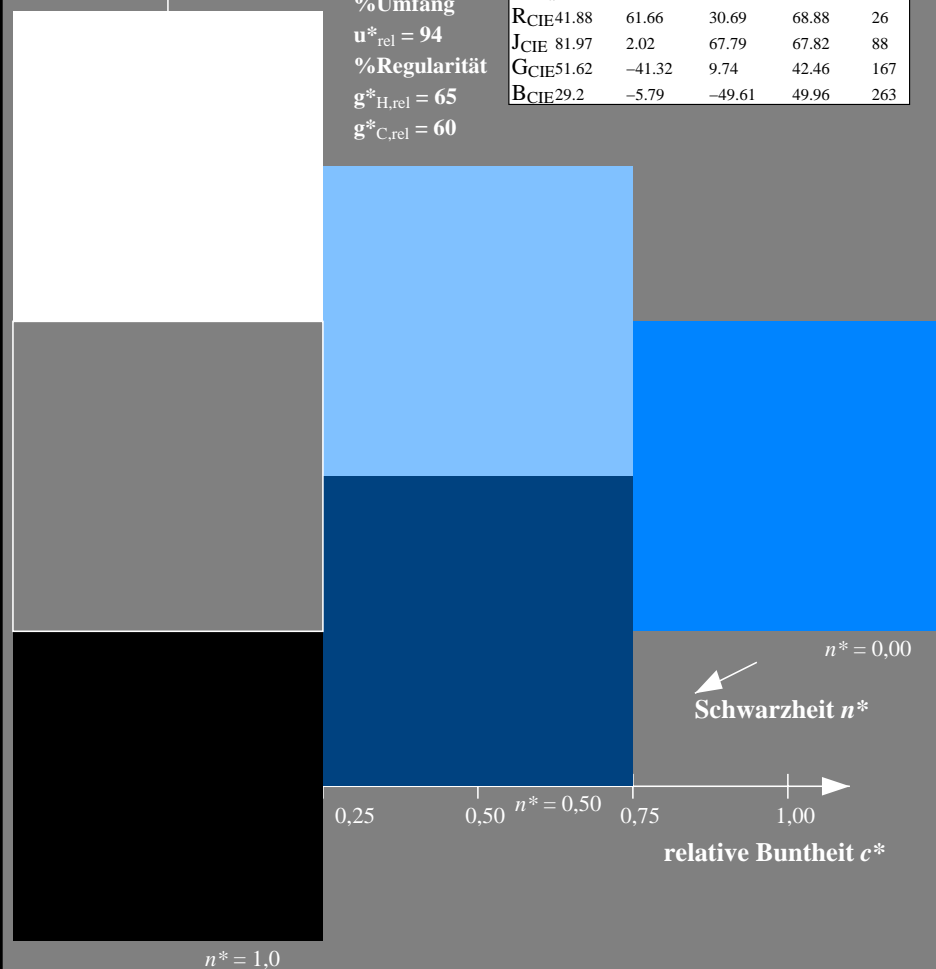
Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| YMa | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| LMa | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| CMa | 56.99 | -39.34 | -48.1 | 62.16 | 231 |
| VMa | 25.72 | 30.89 | -44.4 | 54.09 | 305 |
| MMa | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| NMa | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| JCIE | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| GCIE | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| BCIE | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

%Umfang
 $u^*_{rel} = 94$
 %Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

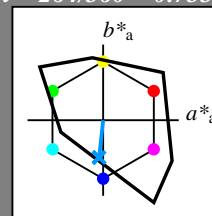


Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 264/360 = 0.733$
 lab^*tch und lab^*nch

D50: Buntton B
 LCH*Ma: 61 54 264
 olv*Ma: 0.0 0.59 1.0

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa | 54.19 | 79.36 | 63.0 | 101.33 | 38 |
| YMa | 93.44 | -14.18 | 82.59 | 83.8 | 100 |
| LMa | 82.82 | -83.73 | 70.41 | 109.41 | 140 |
| CMa | 85.22 | -55.9 | -15.78 | 58.1 | 196 |
| VMa | 25.61 | 67.05 | -108.87 | 127.87 | 302 |
| MMa | 58.76 | 91.18 | -53.69 | 105.82 | 330 |
| NMa | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 41.88 | 62.0 | 31.82 | 69.69 | 27 |
| JCIE | 81.97 | 1.81 | 71.59 | 71.61 | 89 |
| GCIE | 51.62 | -41.11 | 11.52 | 42.7 | 164 |
| BCIE | 29.2 | -5.27 | -49.33 | 49.62 | 264 |

%Umfang
 $u^*_{rel} = 156$
 %Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 95.41 | 0.0 | 0.0 |
| LAB*LABa | 95.41 | 0.0 | 0.0 |
| LAB*TCHa | 99.99 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*tch | 1.0 | 0.0 | - |
| lab*nch | 0.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 1.0 | 0.0 | 0.0 |
| lab*tce | 1.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-------|-----|-------|
| olvi3* | 0.5 | 0.796 | 1.0 | (1.0) |
| cmyn3* | 0.5 | 0.204 | 0.0 | (0.0) |
| olvi4* | 0.5 | 0.796 | 1.0 | 1.0 |
| cmyn4* | 0.5 | 0.204 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 78.15 | -2.87 | -26.86 |
| LAB*LABa | 78.15 | -2.87 | -26.86 |
| LAB*TCHa | 75.0 | 27.02 | 263.88 |

relative CIELAB lab*

| | | | |
|---------|-------|--------|--------|
| lab*lab | 0.819 | -0.052 | -0.496 |
| lab*tch | 0.75 | 0.5 | 0.733 |
| lab*nch | 0.0 | 0.5 | 0.733 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|--------|
| lab*lrj | 0.819 | 0.0 | -0.499 |
| lab*tce | 0.75 | 0.5 | 0.75 |
| lab*nce | 0.0 | 0.5 | g99b |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.5 | 0.5 | 0.5 | (1.0) |
| cmyn3* | 0.5 | 0.5 | 0.5 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 0.5 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 47.72 | 0.0 | 0.0 |
| LAB*LABa | 47.72 | 0.0 | 0.0 |
| LAB*TCHa | 50.0 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.5 | 0.0 | 0.0 |
| lab*tch | 0.5 | 0.0 | - |
| lab*nch | 0.5 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 0.5 | 0.0 | 0.0 |
| lab*tce | 0.5 | 0.0 | - |
| lab*nce | 0.5 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-------|-----|-------|
| olvi3* | 0.0 | 0.296 | 0.5 | (1.0) |
| cmyn3* | 1.0 | 0.704 | 0.5 | (0.0) |
| olvi4* | 0.5 | 0.796 | 1.0 | 0.5 |
| cmyn4* | 0.5 | 0.204 | 0.0 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 30.46 | -2.86 | -26.87 |
| LAB*LABa | 30.46 | -2.86 | -26.87 |
| LAB*TCHa | 25.01 | 27.03 | 263.9 |

relative CIELAB lab*

| | | | |
|---------|-------|--------|--------|
| lab*lab | 0.319 | -0.052 | -0.496 |
| lab*tch | 0.25 | 0.5 | 0.733 |
| lab*nch | 0.5 | 0.5 | 0.733 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|--------|
| lab*lrj | 0.319 | 0.0 | -0.499 |
| lab*tce | 0.25 | 0.5 | 0.75 |
| lab*nce | 0.5 | 0.5 | b00r |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3* | 1.0 | 1.0 | 1.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 1.0 |

standard and adapted CIELAB

| | | | |
|----------|------|------|-----|
| LAB*LAB | 0.03 | 0.0 | 0.0 |
| LAB*LABa | 0.03 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.01 | - |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*tch | 0.0 | 0.0 | - |
| lab*nch | 1.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*lrj | 0.0 | 0.0 | 0.0 |
| lab*tce | 0.0 | 0.0 | - |
| lab*nce | 1.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-------|-----|-------|
| olvi3* | 0.0 | 0.592 | 1.0 | (1.0) |
| cmyn3* | 1.0 | 0.408 | 0.0 | (0.0) |
| olvi4* | 0.0 | 0.592 | 1.0 | 1.0 |
| cmyn4* | 1.0 | 0.408 | 0.0 | 0.0 |

standard and adapted CIELAB

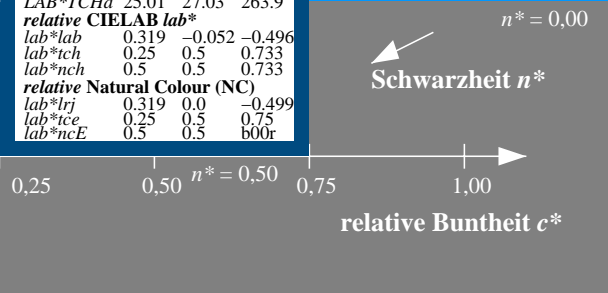
| | | | |
|----------|------|-------|--------|
| LAB*LAB | 60.9 | -5.74 | -53.74 |
| LAB*LABa | 60.9 | -5.74 | -53.74 |
| LAB*TCHa | 50.0 | 54.06 | 263.89 |

relative CIELAB lab*

| | | | |
|---------|-------|--------|--------|
| lab*lab | 0.638 | -0.105 | -0.993 |
| lab*tch | 0.5 | 1.0 | 0.733 |
| lab*nch | 0.0 | 1.0 | 0.733 |

relative Natural Colour (NC)

| | | | |
|---------|-------|-----|--------|
| lab*lrj | 0.638 | 0.0 | -0.999 |
| lab*tce | 0.5 | 1.0 | 0.75 |
| lab*nce | 0.0 | 1.0 | g99b |



PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 263/360 = 0.731 (links)

3 stufige Reihen für konstanten CIELAB Buntton 264/360 = 0.733 (rechts)

BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input