

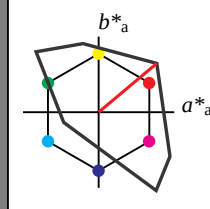
## Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 40/360 = 0.111$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton O

LCH\*Ma: 51 100 40

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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 -

 $n^* = 1,0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 50.5          | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66         | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63         | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88         | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39         | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3          | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

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 72.95 38.45 32.27

LAB\*LABa 72.95 38.45 32.27

LAB\*TCHa 75.0 50.2 40.0

relative CIELAB lab\*

lab\*lab 0.765 0.383 0.321

lab\*tch 0.75 0.5 0.111

lab\*nch 0.0 0.5 0.111

relative Natural Colour (NC)

lab\*lrj 0.765 0.471 0.167

lab\*tce 0.75 0.5 0.054

lab\*nce 0.0 0.5 r21j

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 25.26 38.45 32.27

LAB\*LABa 25.26 38.45 32.27

LAB\*TCHa 25.01 50.2 40.0

relative CIELAB lab\*

lab\*lab 0.265 0.383 0.321

lab\*tch 0.25 0.5 0.111

lab\*nch 0.5 0.5 0.111

relative Natural Colour (NC)

lab\*lrj 0.265 0.471 0.167

lab\*tce 0.25 0.5 0.054

lab\*nce 0.5 0.5 r21j

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 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 | 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 50.5 76.9 64.54

LAB\*LABa 50.5 76.9 64.54

LAB\*TCHa 50.0 100.4 40.0

relative CIELAB lab\*

lab\*lab 0.529 0.766 0.643

lab\*tch 0.5 1.0 0.111

lab\*nch 0.0 1.0 0.111

relative Natural Colour (NC)

lab\*lrj 0.529 0.942 0.335

lab\*tce 0.5 1.0 0.054

lab\*nce 0.0 1.0 r21j

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 69.7 0.0 0.0

LAB\*LABa 69.7 0.0 0.0

LAB\*TCHa 0.01 0.0 -

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 | 0.0 | (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 69.7 0.0 0.0

LAB\*LABa 69.7 0.0 0.0

LAB\*TCHa 0.01 0.0 -

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 | 0.0 | (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 69.7 0.0 0.0

LAB\*LABa 69.7 0.0 0.0

LAB\*TCHa 0.01 0.0 -

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 | 0.0 | (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 69.7 0.0 0.0

LAB\*LABa 69.7 0.0 0.0

LAB\*TCHa 0.01 0.0 -

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 | 0.0 | (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 69.7 0.0 0.0

LAB\*LABa 69.7 0.0 0.0

LAB\*TCHa 0.01 0.0 -

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 | 0.0 | (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 69.7 0.0 0.0

LAB\*LABa 69.7 0.0 0.0

LAB\*TCHa 0.01 0.0 -

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 | 0.0 | (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 69.7 0.0 0.0

LAB\*LABa 69.7 0.0 0.0

LAB\*TCHa 0.01 0.0 -

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 | 0.0 | (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

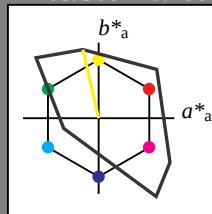
## Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 103/360 = 0.286$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton Y

LCH\*Ma: 93 93 103

olv\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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 | -   |

 $n^* = 1,0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa  | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

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  | 94.03 | -10.34 | 45.37  |
| LAB*LABa | 94.03 | -10.34 | 45.37  |
| LAB*TCHa | 75.0  | 46.53  | 102.85 |

relative CIELAB lab\*

|         |       |       |       |
|---------|-------|-------|-------|
| lab*lab | 0.985 | -0.11 | 0.487 |
| lab*tch | 0.75  | 0.5   | 0.286 |
| lab*nch | 0.0   | 0.5   | 0.286 |

relative Natural Colour (NC)

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lrj | 0.985 | -0.116 | 0.486 |
| lab*tce | 0.75  | 0.5    | 0.288 |
| lab*nce | 0.0   | 0.5    | 0.286 |

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  | 46.34 | -10.34 | 45.37  |
| LAB*LABa | 46.34 | -10.34 | 45.37  |
| LAB*TCHa | 25.01 | 46.53  | 102.85 |

relative CIELAB lab\*

|         |       |       |       |
|---------|-------|-------|-------|
| lab*lab | 0.486 | -0.11 | 0.487 |
| lab*tch | 0.25  | 0.5   | 0.286 |
| lab*nch | 0.5   | 0.5   | 0.286 |

relative Natural Colour (NC)

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lrj | 0.486 | -0.116 | 0.486 |
| lab*tce | 0.25  | 0.5    | 0.288 |
| lab*nce | 0.5   | 0.5    | 0.286 |

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

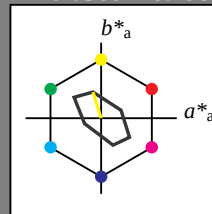
## Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 107/360 = 0.298$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton Y

LCH\*Ma: 94 36 107

olv\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 16$ 

%Regularität

 $g^*_{H,rel} = 34$  $g^*_{C,rel} = 51$ 

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 | 0.0 | -   |

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  | 82.56 | 0.0 | 0.0 |
| LAB*LABa | 82.56 | 0.0 | 0.0 |
| LAB*TCHa | 50.0  | 0.0 | -   |

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  | 69.7 | 0.0 | 0.0 |
| LAB*LABa | 69.7 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.0 | -   |

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 | -   |

 $n^* = 1,0$ 

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  | 94.67 | -5.37 | 17.31  |
| LAB*LABa | 94.67 | -5.37 | 17.31  |
| LAB*TCHa | 75.0  | 18.13 | 107.28 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.971 | -0.147 | 0.477 |
| lab*tch | 0.75  | 0.5    | 0.298 |
| lab*nch | 0.0   | 0.5    | 0.298 |

relative Natural Colour (NC)

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lrj | 0.971 | -0.164 | 0.472 |
| lab*tce | 0.75  | 0.5    | 0.304 |
| lab*nce | 0.0   | 0.5    | 0.298 |

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  | 81.82 | -5.37 | 17.31  |
| LAB*LABa | 81.82 | -5.37 | 17.31  |
| LAB*TCHa | 25.01 | 18.13 | 107.28 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.471 | -0.147 | 0.477 |
| lab*tch | 0.25  | 0.5    | 0.298 |
| lab*nch | 0.5   | 0.5    | 0.298 |

relative Natural Colour (NC)

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lrj | 0.471 | -0.164 | 0.472 |
| lab*tce | 0.25  | 0.5    | 0.304 |
| lab*nce | 0.5   | 0.5    | 0.298 |

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

OG130-7, 3 stufige Reihen für konstanten CIELAB Buntton 103/360 = 0.286 (links)

3 stufige Reihen für konstanten CIELAB Buntton 107/360 = 0.298 (rechts)

BAM-Prüfvorlage OG13; Farbmétrik-Systeme ORS18 & ORS18input:  $cmY0^* setcmykcolor$ 

D65: 2 Koordinatendaten von 3stufigen Farbreihen für 10 Bunttonenoutput: Startup (S) data dependend

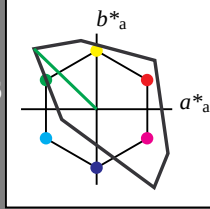
## Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 136/360 = 0.378$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton L

LCH\*Ma: 84 115 136

olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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 | -   |

 $n^* = 1,0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 50.5          | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66         | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63         | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88         | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39         | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3          | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

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  | 89.51 | -41.36 | 39.94  |
| LAB*LABa | 89.51 | -41.36 | 39.94  |
| LAB*TCHa | 75.0  | 57.51  | 136.01 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.938 | -0.359 | 0.347 |
| lab*tch | 0.75  | 0.5    | 0.378 |
| lab*nch | 0.0   | 0.5    | 0.378 |

relative Natural Colour (NC)

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lrj | 0.938 | -0.415 | 0.278 |
| lab*tce | 0.75  | 0.5    | 0.406 |
| lab*nce | 0.0   | 0.5    | 0.62g |

relative Inform. Technology (IT)

|        |     |     |     |       |
|--------|-----|-----|-----|-------|
| olvi3* | 0.0 | 0.5 | 0.0 | (1.0) |
| cmyn3* | 1.0 | 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  | 41.82 | -41.36 | 39.94  |
| LAB*LABa | 41.82 | -41.36 | 39.94  |
| LAB*TCHa | 25.01 | 57.51  | 136.01 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.438 | -0.359 | 0.347 |
| lab*tch | 0.25  | 0.5    | 0.378 |
| lab*nch | 0.5   | 0.5    | 0.378 |

relative Natural Colour (NC)

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lrj | 0.438 | -0.415 | 0.278 |
| lab*tce | 0.25  | 0.5    | 0.406 |
| lab*nce | 0.5   | 0.5    | 0.62g |

relative Inform. Technology (IT)

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

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

relative Buntheit  $c^*$

0,25 0,50 0,75 1,00

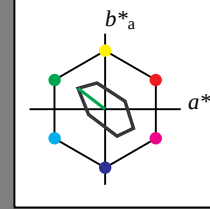
## Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 142/360 = 0.395$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton L

LCH\*Ma: 89 45 142

olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 16$ 

%Regularität

 $g^*_{H,rel} = 34$  $g^*_{C,rel} = 51$ 

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 | 0.0 | -   |

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  | 82.56 | 0.0 | 0.0 |
| LAB*LABa | 82.56 | 0.0 | 0.0 |
| LAB*TCHa | 50.0  | 0.0 | -   |

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  | 69.7 | 0.0 | 0.0 |
| LAB*LABa | 69.7 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.0 | -   |

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 | -   |

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

relative Buntheit  $c^*$

0,25 0,50 0,75 1,00

## TLS70; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 76.43         | 26.27   | 10.57   | 28.32        | 22           |
| YMa  | 93.93         | -10.76  | 34.63   | 36.27        | 107          |
| LMa  | 89.32         | -35.8   | 27.64   | 45.24        | 142          |
| CMa  | 90.93         | -21.95  | -7.07   | 23.07        | 198          |
| VMa  | 72.1          | 15.76   | -35.63  | 38.97        | 294          |
| MMa  | 78.5          | 37.52   | -25.23  | 45.22        | 326          |
| NMa  | 69.7          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

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  | 92.36 | -17.89 | 13.82  |
| LAB*LABa | 92.36 | -17.89 | 13.82  |
| LAB*TCHa | 75.0  | 22.61  | 142.34 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.881 | -0.395 | 0.305 |
| lab*tch | 0.75  | 0.5    | 0.395 |
| lab*nch | 0.0   | 0.5    | 0.395 |

relative Natural Colour (NC)

|         |       |       |       |
|---------|-------|-------|-------|
| lab*lrj | 0.881 | -0.45 | 0.216 |
| lab*tce | 0.75  | 0.5   | 0.429 |
| lab*nce | 0.0   | 0.5   | 0.71g |

relative Inform. Technology (IT)

|        |     |     |     |       |
|--------|-----|-----|-----|-------|
| olvi3* | 0.0 | 0.5 | 0.0 | (1.0) |
| cmyn3* | 1.0 | 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  | 79.51 | -17.89 | 13.82  |
| LAB*LABa | 79.51 | -17.89 | 13.82  |
| LAB*TCHa | 25.01 | 22.61  | 142.34 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.382 | -0.395 | 0.305 |
| lab*tch | 0.25  | 0.5    | 0.395 |
| lab*nch | 0.5   | 0.5    | 0.395 |

relative Natural Colour (NC)

|         |       |       |       |
|---------|-------|-------|-------|
| lab*lrj | 0.382 | -0.45 | 0.216 |
| lab*tce | 0.25  | 0.5   | 0.429 |
| lab*nce | 0.5   | 0.5   | 0.71g |

relative Inform. Technology (IT)

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

3 stufige Reihen für konstanten CIELAB Buntton 142/360 = 0.395 (rechts)

OG130-7, 3 stufige Reihen für konstanten CIELAB B



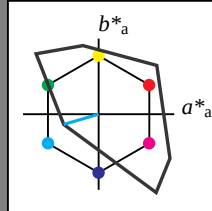
## Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 196/360 = 0.545$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton C

LCH\*Ma: 87 48 196

olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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 | -   |

 $n^* = 1,0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 50.5          | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66         | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63         | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88         | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39         | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3          | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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  | 91.14 | -23.07 | -6.77  |
| LAB*LABa | 91.14 | -23.07 | -6.77  |
| LAB*TCHa | 75.0  | 24.06  | 196.37 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.955 | -0.479 | -0.14 |
| lab*tch | 0.75  | 0.5    | 0.545 |
| lab*nch | 0.0   | 0.5    | 0.545 |

relative Natural Colour (NC)

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lrj | 0.955 | -0.44 | -0.234 |
| lab*tce | 0.75  | 0.5   | 0.578  |
| lab*nce | 0.0   | 0.5   | g31b   |

standard and adapted CIELAB

|          |       |        |        |
|----------|-------|--------|--------|
| LAB*LAB  | 86.87 | -46.15 | -13.55 |
| LAB*LABa | 86.87 | -46.15 | -13.55 |
| LAB*TCHa | 50.0  | 48.11  | 196.37 |

relative CIELAB lab\*

|         |       |        |        |
|---------|-------|--------|--------|
| lab*lab | 0.911 | -0.958 | -0.281 |
| lab*tch | 0.5   | 1.0    | 0.545  |
| lab*nch | 0.0   | 1.0    | 0.545  |

relative Natural Colour (NC)

|         |       |        |        |
|---------|-------|--------|--------|
| lab*lrj | 0.911 | -0.881 | -0.469 |
| lab*tce | 0.5   | 1.0    | 0.578  |
| lab*nce | 0.0   | 1.0    | g31b   |

standard and adapted CIELAB

|          |       |        |        |
|----------|-------|--------|--------|
| LAB*LAB  | 43.45 | -23.07 | -6.77  |
| LAB*LABa | 43.45 | -23.07 | -6.77  |
| LAB*TCHa | 25.01 | 24.06  | 196.37 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.455 | -0.479 | -0.14 |
| lab*tch | 0.25  | 0.5    | 0.545 |
| lab*nch | 0.5   | 0.5    | 0.545 |

relative Natural Colour (NC)

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lrj | 0.455 | -0.44 | -0.234 |
| lab*tce | 0.25  | 0.5   | 0.578  |
| lab*nce | 0.5   | 0.5   | g31b   |

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

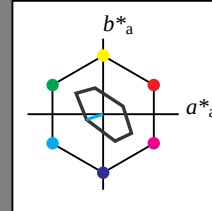
## Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 198/360 = 0.55$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton C

LCH\*Ma: 91 23 198

olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 16$ 

%Regularität

 $g^*_{H,rel} = 34$  $g^*_{C,rel} = 51$ 

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 | 0.0 | -   |

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  | 82.56 | 0.0 | 0.0 |
| LAB*LABa | 82.56 | 0.0 | 0.0 |
| LAB*TCHa | 50.0  | 0.0 | -   |

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  | 69.7 | 0.0 | 0.0 |
| LAB*LABa | 69.7 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.0 | -   |

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 | -   |

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

## TLS70; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 76.43         | 26.27   | 10.57   | 28.32        | 22           |
| YMa  | 93.93         | -10.76  | 34.63   | 36.27        | 107          |
| LMa  | 89.32         | -35.8   | 27.64   | 45.24        | 142          |
| CMa  | 90.93         | -21.95  | -7.07   | 23.07        | 198          |
| VMa  | 72.1          | 15.76   | -35.63  | 38.97        | 294          |
| MMa  | 78.5          | 37.52   | -25.23  | 45.22        | 326          |
| NMa  | 69.7          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

%Umfang

 $u^*_{rel} = 16$ 

%Regularität

 $g^*_{H,rel} = 34$  $g^*_{C,rel} = 51$ 

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  | 93.17 | -10.97 | -3.53  |
| LAB*LABa | 93.17 | -10.97 | -3.53  |
| LAB*TCHa | 75.0  | 11.53  | 197.87 |

relative CIELAB lab\*

|         |       |        |        |
|---------|-------|--------|--------|
| lab*lab | 0.913 | -0.475 | -0.152 |
| lab*tch | 0.75  | 0.5    | 0.55   |
| lab*nch | 0.0   | 0.5    | 0.55   |

relative Natural Colour (NC)

|         |       |        |        |
|---------|-------|--------|--------|
| lab*lrj | 0.913 | -0.435 | -0.244 |
| lab*tce | 0.75  | 0.5    | 0.581  |
| lab*nce | 0.0   | 0.5    | g32b   |

standard and adapted CIELAB

|          |       |        |        |
|----------|-------|--------|--------|
| LAB*LAB  | 80.32 | -10.97 | -3.53  |
| LAB*LABa | 80.32 | -10.97 | -3.53  |
| LAB*TCHa | 25.01 | 11.53  | 197.87 |

relative CIELAB lab\*

|         |       |        |        |
|---------|-------|--------|--------|
| lab*lab | 0.413 | -0.475 | -0.152 |
| lab*tch | 0.25  | 0.5    | 0.55   |
| lab*nch | 0.5   | 0.5    | 0.55   |

relative Natural Colour (NC)

|         |       |        |        |
|---------|-------|--------|--------|
| lab*lrj | 0.413 | -0.435 | -0.244 |
| lab*tce | 0.25  | 0.5    | 0.581  |
| lab*nce | 0.5   | 0.5    | g32b   |

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

OG130-7, 3 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (links)

3 stufige Reihen für konstanten CIELAB Buntton 198/360 = 0.55 (rechts)

BAM-Prüfvorlage OG13; Farbmétrik-Systeme ORS18 & ORS18input:  $cmY0^* setcmykcolor$ 

D65: 2 Koordinatendaten von 3stufigen Farbreihen für 10 Bunttonenoutput: Startup (S) data dependend

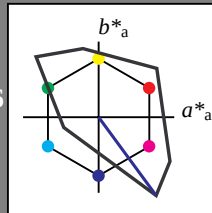
## Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 306/360 = 0.851$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton V

LCH\*Ma: 30 129 306

olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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*TCa  | 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*TCa  | 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*TCa  | 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 | -   |

 $n^* = 1,0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa  | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

relative Inform. Technology (IT)

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

standard and adapted CIELAB

|          |      |       |        |
|----------|------|-------|--------|
| LAB*LAB  | 62.9 | 38.02 | -51.78 |
| LAB*LABa | 62.9 | 38.02 | -51.78 |
| LAB*TCa  | 75.0 | 64.25 | 306.29 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.659 | 0.296 | -0.402 |
| lab*tch | 0.75  | 0.5   | 0.851  |
| lab*nch | 0.0   | 0.5   | 0.851  |

relative Natural Colour (NC)

|         |       |      |        |
|---------|-------|------|--------|
| lab*lrj | 0.659 | 0.23 | -0.443 |
| lab*tce | 0.75  | 0.5  | 0.826  |
| lab*nce | 0.0   | 0.5  | 0.826  |

relative Inform. Technology (IT)

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

standard and adapted CIELAB

|          |       |       |        |
|----------|-------|-------|--------|
| LAB*LAB  | 15.21 | 38.02 | -51.78 |
| LAB*LABa | 15.21 | 38.02 | -51.78 |
| LAB*TCa  | 25.01 | 64.25 | 306.29 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.159 | 0.296 | -0.402 |
| lab*tch | 0.25  | 0.5   | 0.851  |
| lab*nch | 0.5   | 0.5   | 0.851  |

relative Natural Colour (NC)

|         |       |      |        |
|---------|-------|------|--------|
| lab*lrj | 0.159 | 0.23 | -0.443 |
| lab*tce | 0.25  | 0.5  | 0.826  |
| lab*nce | 0.5   | 0.5  | 0.826  |

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

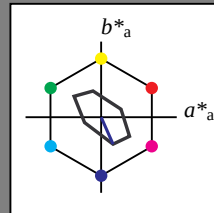
## Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 294/360 = 0.816$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton V

LCH\*Ma: 72 39 294

olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 16$ 

%Regularität

 $g^*_{H,rel} = 34$  $g^*_{C,rel} = 51$ 

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*TCa  | 99.99 | 0.0 | -   |

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  | 82.56 | 0.0 | 0.0 |
| LAB*LABa | 82.56 | 0.0 | 0.0 |
| LAB*TCa  | 50.0  | 0.0 | -   |

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  | 69.7 | 0.0 | 0.0 |
| LAB*LABa | 69.7 | 0.0 | 0.0 |
| LAB*TCa  | 0.01 | 0.0 | -   |

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 | -   |

 $n^* = 1,0$ 

relative Inform. Technology (IT)

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

standard and adapted CIELAB

|          |       |       |        |
|----------|-------|-------|--------|
| LAB*LAB  | 83.75 | 7.88  | -17.81 |
| LAB*LABa | 83.75 | 7.88  | -17.81 |
| LAB*TCa  | 75.0  | 19.48 | 293.86 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.547 | 0.202 | -0.456 |
| lab*tch | 0.75  | 0.5   | 0.816  |
| lab*nch | 0.0   | 0.5   | 0.816  |

relative Natural Colour (NC)

|         |       |      |        |
|---------|-------|------|--------|
| lab*lrj | 0.547 | 0.15 | -0.476 |
| lab*tce | 0.75  | 0.5  | 0.799  |
| lab*nce | 0.0   | 0.5  | 0.799  |

relative Inform. Technology (IT)

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

standard and adapted CIELAB

|          |       |       |        |
|----------|-------|-------|--------|
| LAB*LAB  | 70.9  | 7.88  | -17.81 |
| LAB*LABa | 70.9  | 7.88  | -17.81 |
| LAB*TCa  | 25.01 | 19.48 | 293.86 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.047 | 0.202 | -0.456 |
| lab*tch | 0.25  | 0.5   | 0.816  |
| lab*nch | 0.5   | 0.5   | 0.816  |

relative Natural Colour (NC)

|         |       |      |        |
|---------|-------|------|--------|
| lab*lrj | 0.047 | 0.15 | -0.476 |
| lab*tce | 0.25  | 0.5  | 0.799  |
| lab*nce | 0.5   | 0.5  | 0.799  |

 $n^* = 0,50$ 

relative Inform. Technology (IT)

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

standard and adapted CIELAB

|          |      |       |        |
|----------|------|-------|--------|
| LAB*LAB  | 72.1 | 15.76 | -35.62 |
| LAB*LABa | 72.1 | 15.76 | -35.62 |
| LAB*TCa  | 50.0 | 38.96 | 293.86 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.093 | 0.404 | -0.913 |
| lab*tch | 0.5   | 1.0   | 0.816  |
| lab*nch | 0.0   | 1.0   | 0.816  |

relative Natural Colour (NC)

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lrj | 0.093 | 0.301 | -0.953 |
| lab*tce | 0.5   | 1.0   | 0.799  |
| lab*nce | 0.0   | 1.0   | 0.799  |

relative Inform. Technology (IT)

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

standard and adapted CIELAB

|          |       |       |        |
|----------|-------|-------|--------|
| LAB*LAB  | 70.9  | 7.88  | -17.81 |
| LAB*LABa | 70.9  | 7.88  | -17.81 |
| LAB*TCa  | 25.01 | 19.48 | 293.86 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.047 | 0.202 | -0.456 |
| lab*tch | 0.25  | 0.5   | 0.816  |
| lab*nch | 0.5   | 0.5   | 0.816  |

relative Natural Colour (NC)

|         |       |      |        |
|---------|-------|------|--------|
| lab*lrj | 0.047 | 0.15 | -0.476 |
| lab*tce | 0.25  | 0.5  | 0.799  |
| lab*nce | 0.5   | 0.5  | 0.799  |

 $n^* = 0,00$ 

relative Inform. Technology (IT)

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

standard and adapted CIELAB

|          |      |       |        |
|----------|------|-------|--------|
| LAB*LAB  | 72.1 | 15.76 | -35.62 |
| LAB*LABa | 72.1 | 15.76 | -35.62 |
| LAB*TCa  | 50.0 | 38.96 | 293.86 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.093 | 0.404 | -0.913 |
| lab*tch | 0.5   | 1.0   | 0.816  |
| lab*nch | 0.0   | 1.0   | 0.816  |

relative Natural Colour (NC)

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lrj | 0.093 | 0.301 | -0.953 |
| lab*tce | 0.5   | 1.0   | 0.799  |
| lab*nce | 0.0   | 1.0   | 0.799  |

relative Inform. Technology (IT)

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

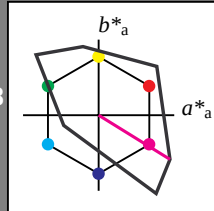
## Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 328/360 = 0.912$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton M

LCH\*Ma: 57 111 328

olv\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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 | -   |

 $n^* = 1,0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa  | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

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  | 76.35 | 47.17 | -29.19 |
| LAB*LABa | 76.35 | 47.17 | -29.19 |
| LAB*TCHa | 75.0  | 55.47 | 328.23 |

relative CIELAB lab\*

|         |      |       |        |
|---------|------|-------|--------|
| lab*lab | 0.8  | 0.425 | -0.262 |
| lab*tch | 0.75 | 0.5   | 0.912  |
| lab*nch | 0.0  | 0.5   | 0.912  |

relative Natural Colour (NC)

|         |      |       |        |
|---------|------|-------|--------|
| lab*lrj | 0.8  | 0.352 | -0.354 |
| lab*tce | 0.75 | 0.5   | 0.874  |
| lab*nce | 0.0  | 0.5   | 0.874  |

standard and adapted CIELAB

|          |      |        |        |
|----------|------|--------|--------|
| LAB*LAB  | 57.3 | 94.33  | -58.4  |
| LAB*LABa | 57.3 | 94.33  | -58.4  |
| LAB*TCHa | 50.0 | 110.95 | 328.23 |

relative CIELAB lab\*

|         |       |      |        |
|---------|-------|------|--------|
| lab*lab | 0.601 | 0.85 | -0.525 |
| lab*tch | 0.5   | 1.0  | 0.912  |
| lab*nch | 0.0   | 1.0  | 0.912  |

relative Natural Colour (NC)

|         |       |       |       |
|---------|-------|-------|-------|
| lab*lrj | 0.601 | 0.703 | -0.71 |
| lab*tce | 0.5   | 1.0   | 0.874 |
| lab*nce | 0.0   | 1.0   | 0.874 |

standard and adapted CIELAB

|          |       |       |        |
|----------|-------|-------|--------|
| LAB*LAB  | 28.66 | 47.17 | -29.19 |
| LAB*LABa | 28.66 | 47.17 | -29.19 |
| LAB*TCHa | 25.01 | 55.47 | 328.23 |

relative CIELAB lab\*

|         |      |       |        |
|---------|------|-------|--------|
| lab*lab | 0.3  | 0.425 | -0.262 |
| lab*tch | 0.25 | 0.5   | 0.912  |
| lab*nch | 0.5  | 0.5   | 0.912  |

relative Natural Colour (NC)

|         |      |       |        |
|---------|------|-------|--------|
| lab*lrj | 0.3  | 0.352 | -0.354 |
| lab*tce | 0.25 | 0.5   | 0.874  |
| lab*nce | 0.5  | 0.5   | 0.874  |

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 | -   |

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

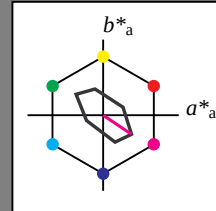
## Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 326/360 = 0.906$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton M

LCH\*Ma: 79 45 326

olv\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 16$ 

%Regularität

 $g^*_{H,rel} = 34$  $g^*_{C,rel} = 51$ 

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 | 0.0 | -   |

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  | 82.56 | 0.0 | 0.0 |
| LAB*LABa | 82.56 | 0.0 | 0.0 |
| LAB*TCHa | 50.0  | 0.0 | -   |

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  | 69.7 | 0.0 | 0.0 |
| LAB*LABa | 69.7 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.0 | -   |

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 | -   |

 $n^* = 1,0$ 

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  | 86.95 | 18.76 | -12.61 |
| LAB*LABa | 86.95 | 18.76 | -12.61 |
| LAB*TCHa | 75.0  | 22.61 | 326.07 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.671 | 0.415 | -0.278 |
| lab*tch | 0.75  | 0.5   | 0.906  |
| lab*nch | 0.0   | 0.5   | 0.906  |

relative Natural Colour (NC)

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lrj | 0.671 | 0.341 | -0.365 |
| lab*tce | 0.75  | 0.5   | 0.869  |
| lab*nce | 0.0   | 0.5   | 0.869  |

standard and adapted CIELAB

|          |       |       |        |
|----------|-------|-------|--------|
| LAB*LAB  | 74.1  | 18.76 | -12.61 |
| LAB*LABa | 74.1  | 18.76 | -12.61 |
| LAB*TCHa | 25.01 | 22.61 | 326.07 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.171 | 0.415 | -0.278 |
| lab*tch | 0.25  | 0.5   | 0.906  |
| lab*nch | 0.5   | 0.5   | 0.906  |

relative Natural Colour (NC)

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lrj | 0.171 | 0.341 | -0.365 |
| lab*tce | 0.25  | 0.5   | 0.869  |
| lab*nce | 0.5   | 0.5   | 0.869  |

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 | -   |

 $n^* = 0,00$ 

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  | 78.5 | 37.51 | -25.22 |
| LAB*LABa | 78.5 | 37.51 | -25.22 |
| LAB*TCHa | 50.0 | 45.21 | 326.07 |

relative CIELAB lab\*

|     |
|-----|
| lab |
|-----|



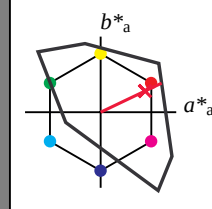
## Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

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

D65: Buntton R

LCH\*Ma: 52 89 25

olv\*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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 | -   |

 $n^* = 1.0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 50.5          | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66         | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63         | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88         | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39         | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3          | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 1.0 | 0.5 | 0.606 | (1.0) |
| cmyn3* | 0.0 | 0.5 | 0.394 | (0.0) |
| olvi4* | 1.0 | 0.5 | 0.606 | 1.0   |
| cmyn4* | 0.0 | 0.5 | 0.394 | 0.0   |

standard and adapted CIELAB

|          |       |       |       |
|----------|-------|-------|-------|
| LAB*LAB  | 73.67 | 40.3  | 19.2  |
| LAB*LABa | 73.67 | 40.3  | 19.2  |
| LAB*TCHa | 75.0  | 44.64 | 25.47 |

relative CIELAB lab\*

|         |       |       |       |
|---------|-------|-------|-------|
| lab*lab | 0.772 | 0.451 | 0.215 |
| lab*tch | 0.75  | 0.5   | 0.071 |
| lab*nch | 0.0   | 0.5   | 0.071 |

relative Natural Colour (NC)

|         |       |     |       |
|---------|-------|-----|-------|
| lab*lrj | 0.772 | 0.5 | 0.0   |
| lab*tce | 0.75  | 0.5 | 1.0   |
| lab*nce | 0.0   | 0.5 | 0.999 |

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.5 | 0.0 | 0.106 | (1.0) |
| cmyn3* | 0.5 | 1.0 | 0.894 | (0.0) |
| olvi4* | 1.0 | 0.5 | 0.606 | 0.5   |
| cmyn4* | 0.0 | 0.5 | 0.394 | 0.5   |

standard and adapted CIELAB

|          |       |       |       |
|----------|-------|-------|-------|
| LAB*LAB  | 25.98 | 40.3  | 19.21 |
| LAB*LABa | 25.98 | 40.3  | 19.21 |
| LAB*TCHa | 25.01 | 44.65 | 25.49 |

relative CIELAB lab\*

|         |       |       |       |
|---------|-------|-------|-------|
| lab*lab | 0.272 | 0.451 | 0.215 |
| lab*tch | 0.25  | 0.5   | 0.071 |
| lab*nch | 0.5   | 0.5   | 0.071 |

relative Natural Colour (NC)

|         |       |     |       |
|---------|-------|-----|-------|
| lab*lrj | 0.272 | 0.5 | 0.0   |
| lab*tce | 0.25  | 0.5 | 0.0   |
| lab*nce | 0.5   | 0.5 | 0.999 |

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 | 0.0 | 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 | 0.0 | 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 | 0.0 | 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 | 0.0 | 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 | 0.0 | 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 | 0.0 | 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 | 0.0 | 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 | 0.0 | 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 | 0.0 | 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)

|  |
|--|
|  |
|--|

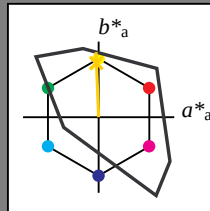
## Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

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

D65: Buntton J

LCH\*Ma: 85 86 92

olv\*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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 | -   |

 $n^* = 1.0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 50.5          | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66         | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63         | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88         | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39         | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3          | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

relative Inform. Technology (IT)

|        |     |       |     |       |
|--------|-----|-------|-----|-------|
| olvi3* | 1.0 | 0.912 | 0.5 | (1.0) |
| cmyn3* | 0.0 | 0.088 | 0.5 | (0.0) |
| olvi4* | 1.0 | 0.912 | 0.5 | 1.0   |
| cmyn4* | 0.0 | 0.088 | 0.5 | 0.0   |

standard and adapted CIELAB

|          |       |       |       |
|----------|-------|-------|-------|
| LAB*LAB  | 90.31 | -1.74 | 43.06 |
| LAB*LABa | 90.31 | -1.74 | 43.06 |
| LAB*TCHa | 75.0  | 43.09 | 92.32 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.947 | -0.019 | 0.499 |
| lab*tch | 0.75  | 0.5    | 0.256 |
| lab*nch | 0.0   | 0.5    | 0.256 |

relative Natural Colour (NC)

|         |       |     |      |
|---------|-------|-----|------|
| lab*lrj | 0.947 | 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 | 0.412 | 0.0 | (1.0) |
| cmyn3* | 0.5 | 0.588 | 1.0 | (0.0) |
| olvi4* | 1.0 | 0.912 | 0.5 | 0.5   |
| cmyn4* | 0.0 | 0.088 | 0.5 | 0.5   |

standard and adapted CIELAB

|          |       |       |       |
|----------|-------|-------|-------|
| LAB*LAB  | 42.62 | -1.73 | 43.05 |
| LAB*LABa | 42.62 | -1.73 | 43.05 |
| LAB*TCHa | 25.01 | 43.09 | 92.31 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.447 | -0.019 | 0.499 |
| lab*tch | 0.25  | 0.5    | 0.256 |
| lab*nch | 0.5   | 0.5    | 0.256 |

relative Natural Colour (NC)

|         |       |     |      |
|---------|-------|-----|------|
| lab*lrj | 0.447 | 0.0 | 0.5  |
| lab*tce | 0.25  | 0.5 | 0.25 |
| lab*nce | 0.5   | 0.5 | r99j |

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 | 0.824 | 0.0 | (1.0) |
| cmyn3* | 0.0 | 0.176 | 1.0 | (0.0) |
| olvi4* | 1.0 | 0.824 | 0.0 | 1.0   |
| cmyn4* | 0.0 | 0.176 | 1.0 | 0.0   |

standard and adapted CIELAB

|          |       |       |       |
|----------|-------|-------|-------|
| LAB*LAB  | 85.22 | -3.47 | 86.11 |
| LAB*LABa | 85.22 | -3.47 | 86.11 |
| LAB*TCHa | 50.0  | 86.18 | 92.32 |

relative CIELAB lab\*

|         |       |        |       |
|---------|-------|--------|-------|
| lab*lab | 0.893 | -0.039 | 0.999 |
| lab*tch | 0.5   | 1.0    | 0.256 |
| lab*nch | 0.0   | 1.0    | 0.256 |

relative Natural Colour (NC)

|         |       |     |      |
|---------|-------|-----|------|
| lab*lrj | 0.893 | 0.0 | 1.0  |
| lab*tce | 0.5   | 1.0 | 0.25 |
| lab*nce | 0.0   | 1.0 | j00g |

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  | 69.7 | 0.0 | 0.0 |
| LAB*LABa | 69.7 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.0 | -   |

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 | 0.0 | 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 | -   |

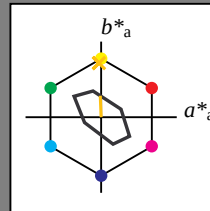
## Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

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

D65: Buntton J

LCH\*Ma: 89 28 92

olv\*Ma: 1.0 0.74 0.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 16$ 

%Regularität

 $g^*_{H,rel} = 34$  $g^*_{C,rel} = 51$ 

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 | 0.0 | -   |

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  | 82.56 | 0.0 | 0.0 |
| LAB*LABa | 82.56 | 0.0 | 0.0 |
| LAB*TCHa | 50.0  | 0.0 | -   |

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  | 69.7 | 0.0 | 0.0 |
| LAB*LABa | 69.7 | 0.0 | 0.0 |
| LAB*TCHa | 0.01 | 0.0 | -   |

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 | -   |

 $n^* = 1.0$ 

## TLS70; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 76.43         | 26.27   | 10.57   | 28.32        | 22           |
| YMa  | 93.93         | -10.76  | 34.63   | 36.27        | 107          |
| LMa  | 89.32         | -35.8   | 27.64   | 45.24        | 142          |
| CMa  | 90.93         | -21.95  | -7.07   | 23.07        | 198          |
| VMa  | 72.1          | 15.76   | -35.63  | 38.97        | 294          |
| MMa  | 78.5          | 37.52   | -25.23  | 45.22        | 326          |
| NMa  | 69.7          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

relative Inform. Technology (IT)

|        |     |      |     |       |
|--------|-----|------|-----|-------|
| olvi3* | 1.0 | 0.87 | 0.5 | (1.0) |
| cmyn3* | 0.0 | 0.13 | 0.5 | (0.0) |
| olvi4* | 1.0 | 0.87 | 0.5 | 1.0   |
| cmyn4* | 0.0 | 0.13 | 0.5 | 0.0   |

standard and adapted CIELAB

|          |      |       |       |
|----------|------|-------|-------|
| LAB*LAB  | 92.4 | -0.57 | 14.19 |
| LAB*LABa | 92.4 | -0.57 | 14.19 |
| LAB*TCHa | 75.0 | 14.2  | 92.32 |

relative CIELAB lab\*

|         |       |        |    |
|---------|-------|--------|----|
| lab*lab | 0.883 | -0.019 | 0. |
|---------|-------|--------|----|



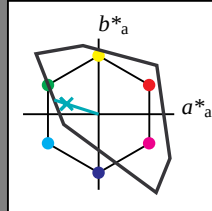
## Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

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

D65: Buntton G

LCH\*Ma: 86 62 162

olv\*Ma: 0.0 1.0 0.65

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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 -

 $n^* = 1.0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 50.5          | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66         | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63         | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88         | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39         | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3          | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.5 | 1.0 | 0.826 | (1.0) |
| cmyn3* | 0.5 | 0.0 | 0.174 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.827 | 1.0   |
| cmyn4* | 0.5 | 0.0 | 0.173 | 0.0   |

standard and adapted CIELAB

LAB\*LAB 90.57 -29.42 9.43

LAB\*LABa 90.57 -29.42 9.43

LAB\*TCHa 75.0 30.9 162.23

relative CIELAB lab\*

lab\*lab 0.949 -0.475 0.153

lab\*tch 0.75 0.5 0.451

lab\*nch 0.0 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.949 -0.499 0.0

lab\*tce 0.75 0.5 0.5

lab\*nce 0.0 0.5 g00b

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

lab\*nch 0.5 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.449 -0.499 0.0

lab\*tce 0.25 0.5 0.5

lab\*nce 0.5 0.5 g99g

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

lab\*nch 0.5 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.449 -0.499 0.0

lab\*tce 0.25 0.5 0.5

lab\*nce 0.5 0.5 g99g

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

lab\*nch 0.5 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.449 -0.499 0.0

lab\*tce 0.25 0.5 0.5

lab\*nce 0.5 0.5 g99g

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

lab\*nch 0.5 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.449 -0.499 0.0

lab\*tce 0.25 0.5 0.5

lab\*nce 0.5 0.5 g99g

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

lab\*nch 0.5 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.449 -0.499 0.0

lab\*tce 0.25 0.5 0.5

lab\*nce 0.5 0.5 g99g

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

lab\*nch 0.5 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.449 -0.499 0.0

lab\*tce 0.25 0.5 0.5

lab\*nce 0.5 0.5 g99g

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

lab\*nch 0.5 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.449 -0.499 0.0

lab\*tce 0.25 0.5 0.5

lab\*nce 0.5 0.5 g99g

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

lab\*nch 0.5 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.449 -0.499 0.0

lab\*tce 0.25 0.5 0.5

lab\*nce 0.5 0.5 g99g

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

lab\*nch 0.5 0.5 0.451

relative Natural Colour (NC)

lab\*lrj 0.449 -0.499 0.0

lab\*tce 0.25 0.5 0.5

lab\*nce 0.5 0.5 g99g

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 0.0 | 0.5 | 0.326 | (1.0) |
| cmyn3* | 1.0 | 0.5 | 0.674 | (0.0) |
| olvi4* | 0.5 | 1.0 | 0.826 | 0.5   |
| cmyn4* | 0.5 | 0.0 | 0.174 | 0.5   |

standard and adapted CIELAB

LAB\*LAB 42.88 -29.42 9.44

LAB\*LABa 42.88 -29.42 9.44

LAB\*TCHa 25.01 30.91 162.22

relative CIELAB lab\*

lab\*lab 0.449 -0.475 0.153

lab\*tch 0.25 0.5 0.451

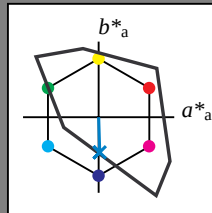
## Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

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

D65: Buntton B

LCH\*Ma: 65 49 272

olv\*Ma: 0.0 0.61 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

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*TCa  | 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*TCa  | 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*TCa  | 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 | -   |

 $n^* = 1,0$ 

## TLS00; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 50.5          | 76.92   | 64.55   | 100.42       | 40           |
| YMa  | 92.66         | -20.69  | 90.75   | 93.08        | 103          |
| LMa  | 83.63         | -82.75  | 79.9    | 115.04       | 136          |
| CMa  | 86.88         | -46.16  | -13.55  | 48.12        | 196          |
| VMa  | 30.39         | 76.06   | -103.59 | 128.52       | 306          |
| MMa  | 57.3          | 94.35   | -58.41  | 110.97       | 328          |
| NMa  | 0.01          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

relative Inform. Technology (IT)

|        |     |       |     |       |
|--------|-----|-------|-----|-------|
| olvi3* | 0.5 | 0.805 | 1.0 | (1.0) |
| cmyn3* | 0.5 | 0.195 | 0.0 | (0.0) |
| olvi4* | 0.5 | 0.805 | 1.0 | 1.0   |
| cmyn4* | 0.5 | 0.195 | 0.0 | 0.0   |

standard and adapted CIELAB

|          |       |       |        |
|----------|-------|-------|--------|
| LAB*LAB  | 80.13 | 0.73  | -24.31 |
| LAB*LABa | 80.13 | 0.73  | -24.31 |
| LAB*TCa  | 75.0  | 24.33 | 271.72 |

relative CIELAB lab\*

|         |      |       |        |
|---------|------|-------|--------|
| lab*lab | 0.84 | 0.015 | -0.499 |
| lab*tch | 0.75 | 0.5   | 0.755  |
| lab*nch | 0.0  | 0.5   | 0.755  |

relative Natural Colour (NC)

|         |      |     |        |
|---------|------|-----|--------|
| lab*lrj | 0.84 | 0.0 | -0.499 |
| lab*tce | 0.75 | 0.5 | 0.75   |
| lab*nce | 0.0  | 0.5 | g99b   |

relative Inform. Technology (IT)

|        |     |       |     |       |
|--------|-----|-------|-----|-------|
| olvi3* | 0.0 | 0.305 | 0.5 | (1.0) |
| cmyn3* | 1.0 | 0.695 | 0.5 | (0.0) |
| olvi4* | 0.5 | 0.805 | 1.0 | 0.5   |
| cmyn4* | 0.5 | 0.195 | 0.0 | 0.5   |

standard and adapted CIELAB

|          |       |       |        |
|----------|-------|-------|--------|
| LAB*LAB  | 32.44 | 0.74  | -24.32 |
| LAB*LABa | 32.44 | 0.74  | -24.32 |
| LAB*TCa  | 25.01 | 24.34 | 271.75 |

relative CIELAB lab\*

|         |      |       |        |
|---------|------|-------|--------|
| lab*lab | 0.34 | 0.015 | -0.499 |
| lab*tch | 0.25 | 0.5   | 0.755  |
| lab*nch | 0.5  | 0.5   | 0.755  |

relative Natural Colour (NC)

|         |      |     |        |
|---------|------|-----|--------|
| lab*lrj | 0.34 | 0.0 | -0.499 |
| lab*tce | 0.25 | 0.5 | 0.75   |
| lab*nce | 0.5  | 0.5 | g99b   |

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

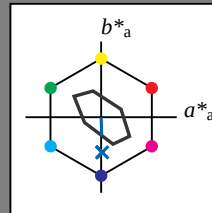
## Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

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

D65: Buntton B

LCH\*Ma: 80 24 272

olv\*Ma: 0.0 0.4 1.0

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 16$ 

%Regularität

 $g^*_{H,rel} = 34$  $g^*_{C,rel} = 51$ 

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*TCa  | 99.99 | 0.0 | -   |

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  | 82.56 | 0.0 | 0.0 |
| LAB*LABa | 82.56 | 0.0 | 0.0 |
| LAB*TCa  | 50.0  | 0.0 | -   |

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  | 69.7 | 0.0 | 0.0 |
| LAB*LABa | 69.7 | 0.0 | 0.0 |
| LAB*TCa  | 0.01 | 0.0 | -   |

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 | -   |

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

## TLS70; adaptierte CIELAB-Daten

|      | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa  | 76.43         | 26.27   | 10.57   | 28.32        | 22           |
| YMa  | 93.93         | -10.76  | 34.63   | 36.27        | 107          |
| LMa  | 89.32         | -35.8   | 27.64   | 45.24        | 142          |
| CMa  | 90.93         | -21.95  | -7.07   | 23.07        | 198          |
| VMa  | 72.1          | 15.76   | -35.63  | 38.97        | 294          |
| MMa  | 78.5          | 37.52   | -25.23  | 45.22        | 326          |
| NMa  | 69.7          | 0.0     | 0.0     | 0.0          | 0            |
| WMa  | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| JCIE | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| GCIE | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| BCIE | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

relative Inform. Technology (IT)

|        |     |       |     |       |
|--------|-----|-------|-----|-------|
| olvi3* | 0.5 | 0.699 | 1.0 | (1.0) |
| cmyn3* | 0.5 | 0.301 | 0.0 | (0.0) |
| olvi4* | 0.5 | 0.699 | 1.0 | 1.0   |
| cmyn4* | 0.5 | 0.301 | 0.0 | 0.0   |

standard and adapted CIELAB

|          |      |       |        |
|----------|------|-------|--------|
| LAB*LAB  | 87.5 | 0.37  | -12.12 |
| LAB*LABa | 87.5 | 0.37  | -12.12 |
| LAB*TCa  | 75.0 | 12.13 | 271.73 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.693 | 0.015 | -0.499 |
| lab*tch | 0.75  | 0.5   | 0.755  |
| lab*nch | 0.0   | 0.5   | 0.755  |

relative Natural Colour (NC)

|         |       |     |        |
|---------|-------|-----|--------|
| lab*lrj | 0.693 | 0.0 | -0.499 |
| lab*tce | 0.75  | 0.5 | 0.75   |
| lab*nce | 0.0   | 0.5 | g99b   |

relative Inform. Technology (IT)

|        |     |       |     |       |
|--------|-----|-------|-----|-------|
| olvi3* | 0.0 | 0.199 | 0.5 | (1.0) |
| cmyn3* | 1.0 | 0.801 | 0.5 | (0.0) |
| olvi4* | 0.5 | 0.699 | 1.0 | 0.5   |
| cmyn4* | 0.5 | 0.301 | 0.0 | 0.5   |

standard and adapted CIELAB

|          |       |       |        |
|----------|-------|-------|--------|
| LAB*LAB  | 74.65 | 0.37  | -12.12 |
| LAB*LABa | 74.65 | 0.37  | -12.12 |
| LAB*TCa  | 25.01 | 12.14 | 271.75 |

relative CIELAB lab\*

|         |       |       |        |
|---------|-------|-------|--------|
| lab*lab | 0.193 | 0.015 | -0.499 |
| lab*tch | 0.25  | 0.5   | 0.755  |
| lab*nch | 0.5   | 0.5   | 0.755  |

relative Natural Colour (NC)

|         |       |     |        |
|---------|-------|-----|--------|
| lab*lrj | 0.193 | 0.0 | -0.499 |
| lab*tce | 0.25  | 0.5 | 0.75   |
| lab*nce | 0.5   | 0.5 | g99b   |

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

OG130-7, 3 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

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

BAM-Prüfvorlage OG13; Farbmétrik-Systeme ORS18 & ORS18input:  $cmY0^* setcmykcolor$ 

D65: 2 Koordinatendaten von 3stufigen Farbreihen für 10 Bunttöneoutput: Startup (S) data dependend