

### Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 22/360 = 0.061$

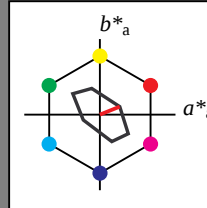
$lab^*ch$  und  $lab^*nch$

D65: Buntton O

LCH\*Ma: 76 28 22

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 16$

relative Inform. Technology (IT)

|         |       |     |     |       |
|---------|-------|-----|-----|-------|
| olv3*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv3*   | 0.0   | 0.0 | 0.0 | (0.0) |
| olv4*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv4*   | 0.0   | 0.0 | 0.0 | (0.0) |
| olv5*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv5*   | 0.0   | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 95.41 | 0.0 | 0.0 |       |
| LAB*Lab | 95.41 | 0.0 | 0.0 |       |
| LAB*Lab | 95.41 | 0.0 | 0.0 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv3*   | 0.0   | 0.25 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv4*   | 0.0   | 0.25 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv5*   | 0.0   | 0.25 | 0.25 | (0.0) |
| LAB*Lab | 90.66 | 6.56 | 2.64 |       |
| LAB*Lab | 90.66 | 6.56 | 2.64 |       |
| LAB*Lab | 90.66 | 6.56 | 2.64 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv3*   | 0.0   | 0.5   | 0.5  | (0.0) |
| olv4*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv4*   | 0.0   | 0.5   | 0.5  | (0.0) |
| olv5*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv5*   | 0.0   | 0.5   | 0.5  | (0.0) |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv3*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv4*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv4*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv5*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv5*   | 0.0   | 0.75  | 0.75 | (0.0) |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv3*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv4*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv4*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv5*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv5*   | 0.0   | 1.0  | 1.0  | (0.0) |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv3*   | 0.0   | 0.5   | 0.5  | (0.0) |
| olv4*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv4*   | 0.0   | 0.5   | 0.5  | (0.0) |
| olv5*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv5*   | 0.0   | 0.5   | 0.5  | (0.0) |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv3*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv4*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv4*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv5*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv5*   | 0.0   | 0.75  | 0.75 | (0.0) |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv3*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv4*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv4*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv5*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv5*   | 0.0   | 1.0  | 1.0  | (0.0) |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv3*   | 0.0   | 0.25 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv4*   | 0.0   | 0.25 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv5*   | 0.0   | 0.25 | 0.25 | (0.0) |
| LAB*Lab | 88.98 | 0.00 | 0.00 |       |
| LAB*Lab | 88.98 | 0.00 | 0.00 |       |
| LAB*Lab | 88.98 | 0.00 | 0.00 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.5  | 0.5  | (1.0) |
| olv3*   | 0.0   | 0.5  | 0.5  | (0.0) |
| olv4*   | 1.0   | 0.5  | 0.5  | (1.0) |
| olv4*   | 0.0   | 0.5  | 0.5  | (0.0) |
| olv5*   | 1.0   | 0.5  | 0.5  | (1.0) |
| olv5*   | 0.0   | 0.5  | 0.5  | (0.0) |
| LAB*Lab | 84.24 | 6.57 | 2.64 |       |
| LAB*Lab | 84.24 | 6.57 | 2.64 |       |
| LAB*Lab | 84.24 | 6.57 | 2.64 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv3*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv4*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv4*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv5*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv5*   | 0.0   | 0.75  | 0.75 | (0.0) |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv3*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv4*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv4*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv5*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv5*   | 0.0   | 1.0  | 1.0  | (0.0) |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv3*   | 0.0   | 0.5   | 0.5  | (0.0) |
| olv4*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv4*   | 0.0   | 0.5   | 0.5  | (0.0) |
| olv5*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv5*   | 0.0   | 0.5   | 0.5  | (0.0) |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv3*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv4*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv4*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv5*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv5*   | 0.0   | 0.75  | 0.75 | (0.0) |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv3*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv4*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv4*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv5*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv5*   | 0.0   | 1.0  | 1.0  | (0.0) |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv3*   | 0.0   | 0.25 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv4*   | 0.0   | 0.25 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv5*   | 0.0   | 0.25 | 0.25 | (0.0) |
| LAB*Lab | 88.98 | 0.00 | 0.00 |       |
| LAB*Lab | 88.98 | 0.00 | 0.00 |       |
| LAB*Lab | 88.98 | 0.00 | 0.00 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.5  | 0.5  | (1.0) |
| olv3*   | 0.0   | 0.5  | 0.5  | (0.0) |
| olv4*   | 1.0   | 0.5  | 0.5  | (1.0) |
| olv4*   | 0.0   | 0.5  | 0.5  | (0.0) |
| olv5*   | 1.0   | 0.5  | 0.5  | (1.0) |
| olv5*   | 0.0   | 0.5  | 0.5  | (0.0) |
| LAB*Lab | 84.24 | 6.57 | 2.64 |       |
| LAB*Lab | 84.24 | 6.57 | 2.64 |       |
| LAB*Lab | 84.24 | 6.57 | 2.64 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv3*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv4*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv4*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv5*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv5*   | 0.0   | 0.75  | 0.75 | (0.0) |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv3*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv4*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv4*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv5*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv5*   | 0.0   | 1.0  | 1.0  | (0.0) |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv3*   | 0.0   | 0.25 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv4*   | 0.0   | 0.25 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.75 | 0.75 | (1.0) |
| olv5*   | 0.0   | 0.25 | 0.25 | (0.0) |
| LAB*Lab | 88.98 | 0.00 | 0.00 |       |
| LAB*Lab | 88.98 | 0.00 | 0.00 |       |
| LAB*Lab | 88.98 | 0.00 | 0.00 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.5  | 0.5  | (1.0) |
| olv3*   | 0.0   | 0.5  | 0.5  | (0.0) |
| olv4*   | 1.0   | 0.5  | 0.5  | (1.0) |
| olv4*   | 0.0   | 0.5  | 0.5  | (0.0) |
| olv5*   | 1.0   | 0.5  | 0.5  | (1.0) |
| olv5*   | 0.0   | 0.5  | 0.5  | (0.0) |
| LAB*Lab | 84.24 | 6.57 | 2.64 |       |
| LAB*Lab | 84.24 | 6.57 | 2.64 |       |
| LAB*Lab | 84.24 | 6.57 | 2.64 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv3*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv4*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv4*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv5*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv5*   | 0.0   | 0.75  | 0.75 | (0.0) |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv3*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv4*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv4*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv5*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv5*   | 0.0   | 1.0  | 1.0  | (0.0) |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv3*   | 0.0   | 0.5   | 0.5  | (0.0) |
| olv4*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv4*   | 0.0   | 0.5   | 0.5  | (0.0) |
| olv5*   | 1.0   | 0.5   | 0.5  | (1.0) |
| olv5*   | 0.0   | 0.5   | 0.5  | (0.0) |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |
| LAB*Lab | 85.92 | 13.13 | 5.28 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv3*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv4*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv4*   | 0.0   | 0.75  | 0.75 | (0.0) |
| olv5*   | 1.0   | 0.25  | 0.25 | (1.0) |
| olv5*   | 0.0   | 0.75  | 0.75 | (0.0) |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |
| LAB*Lab | 81.17 | 19.77 | 7.93 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv3*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv4*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv4*   | 0.0   | 1.0  | 1.0  | (0.0) |
| olv5*   | 1.0   | 0.0  | 0.0  | (1.0) |
| olv5*   | 0.0   | 1.0  | 1.0  | (0.0) |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |
| LAB*Lab | 75.00 | 0.00 | 0.00 |       |

|                  |       |  |
|------------------|-------|--|
| 25.23            | 16.14 |  |
| 25.1             | 40.0  |  |
| <b>b*</b>        |       |  |
| 0.192            | 0.161 |  |
| 0.25             | 0.111 |  |
| 0.25             | 0.111 |  |
| <b>lour (NC)</b> |       |  |
| 0.236            | 0.084 |  |
| 0.25             | 0.054 |  |
| 0.25             | 0.211 |  |

|                         |      |
|-------------------------|------|
| <b>relative Inform.</b> |      |
| olv3*                   | 0.75 |
| cmyn3*                  | 0.25 |
| olv4*                   | 1.0  |
| cmyn4*                  | 0.0  |
| <b>standard and ad</b>  |      |
| LAB*LAB                 | 49.1 |

## lab\*tch und lab\*nch

**olv\*Ma: 1.0 1.0 0.0**

100



$n^* = 1,0$

|         |      |      |      |
|---------|------|------|------|
| lab*ncE | 0.75 | 0.25 | j21g |
|---------|------|------|------|

0,25

$n^* = 0,50$

$$n^* = 0,25$$
$$n^* = 0,00$$

|                              |       |      |     |
|------------------------------|-------|------|-----|
| 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*nch                      | 0.5   | 0.0  | —   |

|                                         | size  | size  | size       |
|-----------------------------------------|-------|-------|------------|
| <b>relative Inform. Technology (IT)</b> |       |       |            |
| olvi3*                                  | 0.5   | 0.5   | 0.25 (1.0) |
| cmyn3*                                  | 0.5   | 0.5   | 0.75 (0.0) |
| olvi4*                                  | 1.0   | 1.0   | 0.75 0.5   |
| cmyn4*                                  | 0.0   | 0.0   | 0.25 0.5   |
| <b>standard and adapted CIELAB</b>      |       |       |            |
| LAB*LAB                                 | 47.02 | -5.17 | 22.69      |

|                                     |       |        |        |
|-------------------------------------|-------|--------|--------|
| LAB*Lab <sub>a</sub>                | 70.19 | -10.34 | 45.38  |
| LAB*TCH <sub>a</sub>                | 50.0  | 46.54  | 102.85 |
| <b>relative CIELAB lab*</b>         |       |        |        |
| lab*lab                             | 0.736 | -0.11  | 0.487  |
| lab*tch                             | 0.5   | 0.5    | 0.286  |
| lab*nch                             | 0.25  | 0.5    | 0.286  |
| <b>relative Natural Colour (NC)</b> |       |        |        |
| lab*lrj                             | 0.736 | -0.116 | 0.486  |
| lab*tce                             | 0.5   | 0.5    | 0.288  |
| lab*ncc                             | 0.25  | 0.5    | 0.288  |

|                                         | olvi3* | cmyn3* | olvi4* | cmyn4* |
|-----------------------------------------|--------|--------|--------|--------|
| <b>relative Inform. Technology (IT)</b> |        |        |        |        |
| olvi3*                                  | 0.75   | 0.75   | 0.0    | (1.0)  |
| cmyn3*                                  | 0.25   | 0.25   | 1.0    | (0.0)  |
| olvi4*                                  | 1.0    | 1.0    | 0.25   | 0.75   |
| cmyn4*                                  | 0.0    | 0.0    | 0.75   | 0.25   |
| <b>standard and adapted CIELAB</b>      |        |        |        |        |
| LAB*LAB                                 | 69.5   | -15.51 | 68.05  |        |

|                                     |       |        |        |
|-------------------------------------|-------|--------|--------|
| LAB*LABa                            | 92.65 | -20.69 | 90.73  |
| LAB*TCHa                            | 50.0  | 93.06  | 102.85 |
| <b>relative CIELAB lab*</b>         |       |        |        |
| lab*lab                             | 0.971 | -0.221 | 0.975  |
| lab*tch                             | 0.5   | 1.0    | 0.286  |
| lab*nch                             | 0.0   | 1.0    | 0.286  |
| <b>relative Natural Colour (NC)</b> |       |        |        |
| lab*lrj                             | 0.971 | -0.233 | 0.972  |
| lab*tce                             | 0.5   | 1.0    | 0.288  |
| lab*nfe                             | 0.0   | 1.0    | 0.288  |

Y  
S/.PDF  
oder M  
/OG58/

*lab\*tch* und *lab\*nch*

**olv\*Ma: 1.0 1.0 0.0**



|                                     |      |      |     |
|-------------------------------------|------|------|-----|
| LAB*LAB                             | 0.03 | 0.0  | 0.0 |
| LAB*LABa                            | 0.03 | 0.0  | 0.0 |
| LAB*TCHa                            | 0.01 | 0.01 | –   |
| <b>relative CIELAB lab*</b>         |      |      |     |
| lab*lab                             | 0.0  | 0.0  | 0.0 |
| lab*tch                             | 0.0  | 0.0  | –   |
| lab*nch                             | 1.0  | 0.0  | –   |
| <b>relative Natural Colour (NC)</b> |      |      |     |
| lab*lrj                             | 0.0  | 0.0  | 0.0 |
| lab*tcg                             | 0.0  | 0.0  | –   |

|                                     |       |        |       |
|-------------------------------------|-------|--------|-------|
| LAD* <i>LAD</i>                     | 23.17 | 5.16   | 22.60 |
| LAB* <i>LABa</i>                    | 23.17 | -5.16  | 22.68 |
| LAB* <i>TCHa</i>                    | 12.5  | 23.26  | 102.8 |
| <b>relative CIELAB lab*</b>         |       |        |       |
| lab* <i>lab</i>                     | 0.243 | -0.055 | 0.244 |
| lab* <i>tch</i>                     | 0.125 | 0.25   | 0.286 |
| lab* <i>nch</i>                     | 0.75  | 0.25   | 0.286 |
| <b>relative Natural Colour (NC)</b> |       |        |       |
| lab* <i>lrj</i>                     | 0.243 | -0.058 | 0.243 |
| lab* <i>tcf</i>                     | 0.125 | 0.25   | 0.288 |

|                                     |       |        |       |
|-------------------------------------|-------|--------|-------|
| LAB*LABa                            | 46.34 | -10.34 | 45.37 |
| LAB*TCHa                            | 25.01 | 46.53  | 102.8 |
| <b>relative CIELAB lab*</b>         |       |        |       |
| lab*lab                             | 0.486 | -0.11  | 0.487 |
| lab*tch                             | 0.25  | 0.5    | 0.286 |
| lab*nch                             | 0.5   | 0.5    | 0.286 |
| <b>relative Natural Colour (NC)</b> |       |        |       |
| lab*lrj                             | 0.486 | -0.116 | 0.486 |
| lab*tce                             | 0.25  | 0.5    | 0.288 |

$$n^* = 0,25$$

schwarzheit  $n^*$

M

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne **output: no change compared to input**

our 10 Bunttönen output: *no change compared to input*

## Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

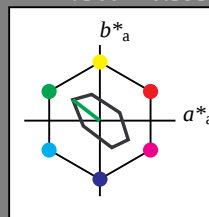
$lab^*ch$  und  $lab^*nch$

D65: Buntton L

LCH\*Ma: 89 45 142

olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$



relative Inform. Technology (IT)  
olv3\* 1.0 1.0 1.0 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olv4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0

relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

relative Natural Colour (NC)  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 88.98 0.0 0.0  
LAB\*LAB 88.98 0.0 0.0  
LAB\*LAB 88.98 0.0 0.0  
LAB\*LAB 88.98 0.0 0.0

relative CIELAB lab\*  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0

relative Natural Colour (NC)  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 82.56 0.0 0.0  
LAB\*LAB 82.56 0.0 0.0  
LAB\*LAB 82.56 0.0 0.0  
LAB\*LAB 82.56 0.0 0.0

relative CIELAB lab\*  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0

relative Natural Colour (NC)  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 75.00 0.0 0.0  
LAB\*LAB 75.00 0.0 0.0  
LAB\*LAB 75.00 0.0 0.0  
LAB\*LAB 75.00 0.0 0.0

## TLS70; adaptierte CIELAB-Daten

|                  | $L^*=L_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-----------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 76.43     | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>  | 93.93     | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>  | 89.32     | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>  | 90.93     | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>  | 72.1      | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>  | 78.5      | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>  | 69.7      | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>  | 95.41     | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub> | 39.92     | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub> | 81.26     | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub> | 52.23     | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub> | 30.57     | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

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

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

relative Inform. Technology (IT)  
olv3\* 0.5 0.5 0.5 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olv4\* 0.5 0.5 0.5 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB  
LAB\*LAB 92.36 -17.89 13.82  
LAB\*LAB 92.36 -17.89 13.82  
LAB\*LAB 92.36 -17.89 13.82  
LAB\*LAB 92.36 -17.89 13.82

relative CIELAB lab\*  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305

relative Natural Colour (NC)  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305

standard and adapted CIELAB  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82

relative CIELAB lab\*  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216

relative Natural Colour (NC)  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216

standard and adapted CIELAB  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82

relative CIELAB lab\*  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153

relative Inform. Technology (IT)  
olv3\* 0.5 0.5 0.5 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olv4\* 0.5 0.5 0.5 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB  
LAB\*LAB 90.84 -26.84 20.73  
LAB\*LAB 90.84 -26.84 20.73  
LAB\*LAB 90.84 -26.84 20.73  
LAB\*LAB 90.84 -26.84 20.73

relative CIELAB lab\*  
lab\*lab 0.822 -0.593 0.458  
lab\*lab 0.822 -0.593 0.458  
lab\*lab 0.822 -0.593 0.458  
lab\*lab 0.822 -0.593 0.458

relative Natural Colour (NC)  
lab\*lab 0.822 -0.593 0.458  
lab\*lab 0.822 -0.593 0.458  
lab\*lab 0.822 -0.593 0.458  
lab\*lab 0.822 -0.593 0.458

standard and adapted CIELAB  
LAB\*LAB 89.32 -35.79 27.63  
LAB\*LAB 89.32 -35.79 27.63  
LAB\*LAB 89.32 -35.79 27.63  
LAB\*LAB 89.32 -35.79 27.63

relative CIELAB lab\*  
lab\*lab 0.763 -0.79 0.611  
lab\*lab 0.763 -0.79 0.611  
lab\*lab 0.763 -0.79 0.611  
lab\*lab 0.763 -0.79 0.611

relative Natural Colour (NC)  
lab\*lab 0.763 -0.79 0.611  
lab\*lab 0.763 -0.79 0.611  
lab\*lab 0.763 -0.79 0.611  
lab\*lab 0.763 -0.79 0.611

standard and adapted CIELAB  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73

relative CIELAB lab\*  
lab\*lab 0.572 -0.593 0.458  
lab\*lab 0.572 -0.593 0.458  
lab\*lab 0.572 -0.593 0.458  
lab\*lab 0.572 -0.593 0.458

relative Inform. Technology (IT)  
olv3\* 0.0 1.0 0.0 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olv4\* 0.0 1.0 0.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73

relative CIELAB lab\*  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429

relative Natural Colour (NC)  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429

standard and adapted CIELAB  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82

relative CIELAB lab\*  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153

relative Natural Colour (NC)  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153

standard and adapted CIELAB  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82

relative CIELAB lab\*  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0

relative Inform. Technology (IT)  
olv3\* 0.0 1.0 0.0 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olv4\* 0.0 1.0 0.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73

relative CIELAB lab\*  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429

relative Natural Colour (NC)  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429

standard and adapted CIELAB  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82

relative CIELAB lab\*  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153

relative Natural Colour (NC)  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153

standard and adapted CIELAB  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82

relative CIELAB lab\*  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0

## Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

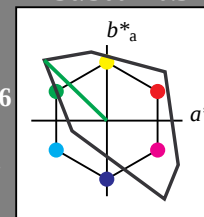
$lab^*ch$  und  $lab^*nch$

D65: Buntton L

LCH\*Ma: 84 115 136

olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$



relative Inform. Technology (IT)  
olv3\* 1.0 1.0 1.0 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olv4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LAB 95.41 0.0 0.0

relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

relative Natural Colour (NC)  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 88.98 0.0 0.0  
LAB\*LAB 88.98 0.0 0.0  
LAB\*LAB 88.98 0.0 0.0  
LAB\*LAB 88.98 0.0 0.0

relative CIELAB lab\*  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0

relative Natural Colour (NC)  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 82.56 0.0 0.0  
LAB\*LAB 82.56 0.0 0.0  
LAB\*LAB 82.56 0.0 0.0  
LAB\*LAB 82.56 0.0 0.0

relative CIELAB lab\*  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0

relative Natural Colour (NC)  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 75.00 0.0 0.0  
LAB\*LAB 75.00 0.0 0.0  
LAB\*LAB 75.00 0.0 0.0  
LAB\*LAB 75.00 0.0 0.0

## TLS00; adaptierte CIELAB-Daten

|                  | $L^*=L_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-----------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 50.5      | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>  | 92.66     | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>  | 83.63     | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>  | 86.88     | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>  | 30.39     | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>  | 57.3      | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>  | 0.01      | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>  | 95.41     | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub> | 39.92     | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub> | 81.26     | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub> | 52.23     | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub> | 30.57     | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

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

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

relative Inform. Technology (IT)  
olv3\* 0.5 0.5 0.5 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olv4\* 0.5 0.5 0.5 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB  
LAB\*LAB 92.36 -17.89 13.82  
LAB\*LAB 92.36 -17.89 13.82  
LAB\*LAB 92.36 -17.89 13.82  
LAB\*LAB 92.36 -17.89 13.82

relative CIELAB lab\*  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305

relative Natural Colour (NC)  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305  
lab\*lab 0.881 -0.395 0.305

standard and adapted CIELAB  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82

relative CIELAB lab\*  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216

relative Natural Colour (NC)  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216  
lab\*lab 0.632 -0.45 0.216

standard and adapted CIELAB  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82  
LAB\*LAB 79.51 -17.89 13.82

relative Inform. Technology (IT)  
olv3\* 0.0 1.0 0.0 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olv4\* 0.0 1.0 0.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73  
LAB\*LAB 84.42 -26.84 20.73

relative CIELAB lab\*  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429

relative Natural Colour (NC)  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429  
lab\*lab 0.625 0.75 0.429

standard and adapted CIELAB  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82  
LAB\*LAB 85.94 -17.9 13.82

relative CIELAB lab\*  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153

relative Natural Colour (NC)  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153  
lab\*lab 0.441 -0.197 0.153

Siehe ähnliche Dateien: <http://www.ps.bam.de/OG58/>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0

### Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

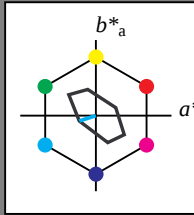
$lab^*ch$  und  $lab^*nch$

D65: Buntton C

LCH\*Ma: 91 23 198

olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 16$

relative Inform. Technology (IT)

|         |       |      |     |       |
|---------|-------|------|-----|-------|
| olv3*   | 1.0   | 1.0  | 1.0 | (1.0) |
| cmyn3*  | 0.0   | 0.0  | 0.0 | (0.0) |
| olv4*   | 1.0   | 1.0  | 1.0 | (1.0) |
| cmyn4*  | 0.0   | 0.0  | 0.0 | (0.0) |
| LAB*Lab | 95.41 | 0.0  | 0.0 |       |
| LAB*Lab | 95.41 | 0.0  | 0.0 |       |
| LAB*TCh | 99.99 | 0.01 | 0.0 |       |

standard and adapted CIELAB

|         |       |      |     |  |
|---------|-------|------|-----|--|
| LAB*Lab | 95.41 | 0.0  | 0.0 |  |
| LAB*Lab | 95.41 | 0.0  | 0.0 |  |
| LAB*TCh | 99.99 | 0.01 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 0.75  | 0.75 | 0.75 | (1.0) |
| cmyn3*  | 0.25  | 0.25 | 0.25 | (0.0) |
| olv4*   | 0.75  | 0.75 | 0.75 | (1.0) |
| cmyn4*  | 0.25  | 0.25 | 0.25 | (0.0) |
| LAB*Lab | 88.98 | 0.0  | 0.0  |       |
| LAB*Lab | 88.98 | 0.0  | 0.0  |       |
| LAB*TCh | 75.00 | 0.0  | 0.0  |       |

standard and adapted CIELAB

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| LAB*Lab | 88.98 | 0.0 | 0.0 |  |
| LAB*Lab | 88.98 | 0.0 | 0.0 |  |
| LAB*TCh | 75.00 | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |     |     |       |
|---------|-------|-----|-----|-------|
| olv3*   | 0.5   | 0.5 | 0.5 | (0.0) |
| cmyn3*  | 0.5   | 0.5 | 0.5 | (0.0) |
| olv4*   | 1.0   | 1.0 | 1.0 | (1.0) |
| cmyn4*  | 0.0   | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 82.56 | 0.0 | 0.0 |       |
| LAB*Lab | 82.56 | 0.0 | 0.0 |       |
| LAB*TCh | 50.00 | 0.0 | 0.0 |       |

standard and adapted CIELAB

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| LAB*Lab | 82.56 | 0.0 | 0.0 |  |
| LAB*Lab | 82.56 | 0.0 | 0.0 |  |
| LAB*TCh | 50.00 | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 0.25  | 0.25 | 0.25 | (1.0) |
| cmyn3*  | 0.75  | 0.75 | 0.75 | (0.0) |
| olv4*   | 1.0   | 1.0  | 1.0  | (1.0) |
| cmyn4*  | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*Lab | 76.13 | 0.0  | 0.0  |       |
| LAB*Lab | 76.13 | 0.0  | 0.0  |       |
| LAB*TCh | 25.00 | 0.0  | 0.0  |       |

standard and adapted CIELAB

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| LAB*Lab | 76.13 | 0.0 | 0.0 |  |
| LAB*Lab | 76.13 | 0.0 | 0.0 |  |
| LAB*TCh | 25.00 | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |     |     |       |
|---------|-------|-----|-----|-------|
| olv3*   | 0.0   | 0.0 | 0.0 | (1.0) |
| cmyn3*  | 1.0   | 1.0 | 1.0 | (0.0) |
| olv4*   | 1.0   | 1.0 | 1.0 | (1.0) |
| cmyn4*  | 0.0   | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 69.77 | 0.0 | 0.0 |       |
| LAB*Lab | 69.77 | 0.0 | 0.0 |       |
| LAB*TCh | 0.01  | 0.0 | 0.0 |       |

standard and adapted CIELAB

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| LAB*Lab | 69.77 | 0.0 | 0.0 |  |
| LAB*Lab | 69.77 | 0.0 | 0.0 |  |
| LAB*TCh | 0.01  | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| olv3*   | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3*  | 1.0 | 1.0 | 1.0 | (0.0) |
| olv4*   | 1.0 | 1.0 | 1.0 | (1.0) |
| cmyn4*  | 0.0 | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*TCh | 0.0 | 0.0 | 0.0 |       |

### TLS70; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>  | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>  | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>  | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>  | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>  | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>  | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>  | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RC <sub>IE</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub> | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub> | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub> | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

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

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

relative Inform. Technology (IT)

|         |       |        |       |       |
|---------|-------|--------|-------|-------|
| olv3*   | 0.5   | 0.5    | 0.5   | (1.0) |
| cmyn3*  | 0.5   | 0.5    | 0.5   | (0.0) |
| olv4*   | 1.0   | 1.0    | 1.0   | (1.0) |
| cmyn4*  | 0.0   | 0.0    | 0.0   | (0.0) |
| LAB*Lab | 93.17 | -10.97 | -3.33 |       |
| LAB*Lab | 93.17 | -10.97 | -3.33 |       |
| LAB*TCh | 75.00 | 11.53  | 19.87 |       |

standard and adapted CIELAB

|         |       |        |       |  |
|---------|-------|--------|-------|--|
| LAB*Lab | 93.17 | -10.97 | -3.33 |  |
| LAB*Lab | 93.17 | -10.97 | -3.33 |  |
| LAB*TCh | 75.00 | 11.53  | 19.87 |  |

relative Inform. Technology (IT)

|         |       |        |       |       |
|---------|-------|--------|-------|-------|
| olv3*   | 0.25  | 0.25   | 0.25  | (1.0) |
| cmyn3*  | 0.75  | 0.75   | 0.75  | (0.0) |
| olv4*   | 1.0   | 1.0    | 1.0   | (1.0) |
| cmyn4*  | 0.0   | 0.0    | 0.0   | (0.0) |
| LAB*Lab | 86.74 | -10.97 | -3.33 |       |
| LAB*Lab | 86.74 | -10.97 | -3.33 |       |
| LAB*TCh | 50.00 | 11.54  | 19.87 |       |

standard and adapted CIELAB

|         |       |        |       |  |
|---------|-------|--------|-------|--|
| LAB*Lab | 86.74 | -10.97 | -3.33 |  |
| LAB*Lab | 86.74 | -10.97 | -3.33 |  |
| LAB*TCh | 50.00 | 11.54  | 19.87 |  |

relative Inform. Technology (IT)

|         |       |        |       |       |
|---------|-------|--------|-------|-------|
| olv3*   | 0.0   | 0.5    | 0.5   | (1.0) |
| cmyn3*  | 0.75  | 0.5    | 0.5   | (0.0) |
| olv4*   | 1.0   | 1.0    | 1.0   | (1.0) |
| cmyn4*  | 0.0   | 0.0    | 0.0   | (0.0) |
| LAB*Lab | 80.32 | -10.97 | -3.33 |       |
| LAB*Lab | 80.32 | -10.97 | -3.33 |       |
| LAB*TCh | 25.01 | 11.53  | 19.87 |       |

standard and adapted CIELAB

|         |       |        |       |  |
|---------|-------|--------|-------|--|
| LAB*Lab | 80.32 | -10.97 | -3.33 |  |
| LAB*Lab | 80.32 | -10.97 | -3.33 |  |
| LAB*TCh | 25.01 | 11.53  | 19.87 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 0.0   | 0.25  | 0.25  | (1.0) |
| cmyn3*  | 0.75  | 0.25  | 0.25  | (0.0) |
| olv4*   | 1.0   | 1.0   | 1.0   | (1.0) |
| cmyn4*  | 0.0   | 0.0   | 0.0   | (0.0) |
| LAB*Lab | 75.01 | -4.48 | -1.76 |       |
| LAB*Lab | 75.01 | -4.48 | -1.76 |       |
| LAB*TCh | 12.5  | 5.77  | 19.87 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 75.01 | -4.48 | -1.76 |  |
| LAB*Lab | 75.01 | -4.48 | -1.76 |  |
| LAB*TCh | 12.5  | 5.77  | 19.87 |  |

relative Inform. Technology (IT)

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| olv3*   | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3*  | 1.0 | 0.0 | 0.0 | (0.0) |
| olv4*   | 1.0 | 0.0 | 0.0 | (1.0) |
| cmyn4*  | 0.0 | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*TCh | 0.0 | 0.0 | 0.0 |       |

relative Inform. Technology (IT)

|         |       |        |       |       |
|---------|-------|--------|-------|-------|
| olv3*   | 0.25  | 0.0    | 0.0   | (1.0) |
| cmyn3*  | 0.75  | 0.0    | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.0    | 0.0   | (1.0) |
| cmyn4*  | 0.0   | 0.0    | 0.0   | (0.0) |
| LAB*Lab | 92.05 | -16.46 | -5.3  |       |
| LAB*Lab | 92.05 | -16.46 | -5.3  |       |
| LAB*TCh | 62.5  | 17.3   | 19.87 |       |

standard and adapted CIELAB

|         |       |        |       |  |
|---------|-------|--------|-------|--|
| LAB*Lab | 92.05 | -16.46 | -5.3  |  |
| LAB*Lab | 92.05 | -16.46 | -5.3  |  |
| LAB*TCh | 62.5  | 17.3   | 19.87 |  |

relative Inform. Technology (IT)

|         |       |        |       |       |
|---------|-------|--------|-------|-------|
| olv3*   | 0.0   | 0.75   | 0.75  | (1.0) |
| cmyn3*  | 0.25  | 0.75   | 0.75  | (0.0) |
| olv4*   | 1.0   | 1.0    | 1.0   | (1.0) |
| cmyn4*  | 0.0   | 0.0    | 0.0   | (0.0) |
| LAB*Lab | 85.62 | -16.46 | -5.3  |       |
| LAB*Lab | 85.62 | -16.46 | -5.3  |       |
| LAB*TCh | 37.51 | 17.3   | 19.87 |       |

standard and adapted CIELAB

|         |       |        |       |  |
|---------|-------|--------|-------|--|
| LAB*Lab | 85.62 | -16.46 | -5.3  |  |
| LAB*Lab | 85.62 | -16.46 | -5.3  |  |
| LAB*TCh | 37.51 | 17.3   | 19.87 |  |

relative Inform. Technology (IT)

|         |       |        |       |       |
|---------|-------|--------|-------|-------|
| olv3*   | 0.0   | 0.25   | 0.25  | (1.0) |
| cmyn3*  | 0.75  | 0.25   | 0.25  | (0.0) |
| olv4*   | 1.0   | 1.0    | 1.0   | (1.0) |
| cmyn4*  | 0.0   | 0.0    | 0.0   | (0.0) |
| LAB*Lab | 80.32 | -10.97 | -3.33 |       |
| LAB*Lab | 80.32 | -10.97 | -3.33 |       |
| LAB*TCh | 25.01 | 11.53  | 19.87 |       |

standard and adapted CIELAB

|         |       |        |       |  |
|---------|-------|--------|-------|--|
| LAB*Lab | 80.32 | -10.97 | -3.33 |  |
| LAB*Lab | 80.32 | -10.97 | -3.33 |  |
| LAB*TCh | 25.01 | 11.53  | 19.87 |  |

relative Inform. Technology (IT)

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| olv3*   | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3*  | 1.0 | 0.0 | 0.0 | (0.0) |
| olv4*   | 1.0 | 0.0 | 0.0 | (1.0) |
| cmyn4*  | 0.0 | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*TCh | 0.0 | 0.0 | 0.0 |       |

standard and adapted CIELAB

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*TCh | 0.0 | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| olv3*   | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3*  | 1.0 | 0.0 | 0.0 | (0.0) |
| olv4*   | 1.0 | 0.0 | 0.0 | (1.0) |
| cmyn4*  | 0.0 | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*TCh | 0.0 | 0.0 | 0.0 |       |

standard and adapted CIELAB

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*TCh | 0.0 | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| olv3*   | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3*  | 1.0 | 0.0 | 0.0 | (0.0) |
| olv4*   | 1.0 | 0.0 | 0.0 | (1.0) |
| cmyn4*  | 0.0 | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*TCh | 0.0 | 0.0 | 0.0 |       |

standard and adapted CIELAB

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*TCh | 0.0 | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| olv3*   | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3*  | 1.0 | 0.0 | 0.0 | (0.0) |
| olv4*   | 1.0 | 0.0 | 0.0 | (1.0) |
| cmyn4*  | 0.0 | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*TCh | 0.0 | 0.0 | 0.0 |       |

standard and adapted CIELAB

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*TCh | 0.0 | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| olv3*   | 0.0 | 0.0 | 0.0 | (1.0) |
| cmyn3*  | 1.0 | 0.0 | 0.0 | (0.0) |
| olv4*   | 1.0 | 0.0 | 0.0 | (1.0) |
| cmyn4*  | 0.0 | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*Lab | 0.0 | 0.0 | 0.0 |       |
| LAB*TCh | 0.0 | 0.0 | 0.0 |       |

standard and adapted CIELAB

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*Lab | 0.0 | 0.0 | 0.0 |  |
| LAB*TCh | 0.0 | 0.0 | 0.0 |  |

### Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

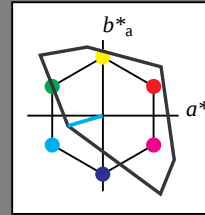
$lab^*ch$  und  $lab^*nch$

D65: Buntton C

LCH\*Ma: 87 48 196

olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

|         |       |      |     |       |
|---------|-------|------|-----|-------|
| olv3*   | 1.0   | 1.0  | 1.0 | (1.0) |
| cmyn3*  | 0.0   | 0.0  | 0.0 | (0.0) |
| olv4*   | 1.0   | 1.0  | 1.0 | (1.0) |
| cmyn4*  | 0.0   | 0.0  | 0.0 | (0.0) |
| LAB*Lab | 95.41 | 0.0  | 0.0 |       |
| LAB*Lab | 95.41 | 0.0  | 0.0 |       |
| LAB*TCh | 99.99 | 0.01 | 0.0 |       |

**relative Inform. Technology (IT)**

|        |      |     |     |       |
|--------|------|-----|-----|-------|
| olvi3* | 0.75 | 1.0 | 1.0 | (1.0) |
| cmyn3* | 0.25 | 0.0 | 0.0 | (0.0) |
| olvi4* | 0.75 | 1.0 | 1.0 | 1.0   |
| cmyn4* | 0.25 | 0.0 | 0.0 | 0.0   |

**standard and adapted CIELAB**

|          |       |        |       |
|----------|-------|--------|-------|
| LAB*LAB  | 93.27 | -11.53 | -3.38 |
| LAB*LABa | 93.27 | -11.53 | -3.38 |



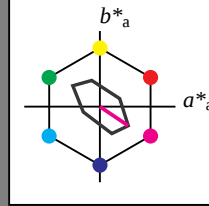
### Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

$lab^*ch$  und  $lab^*nch$

D65: Buntton M  
LCH\*Ma: 79 45 326  
olv\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 16$

relative Inform. Technology (IT)  
olv3\* 1.0 1.0 1.0 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olv4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0

standard and adapted CIELAB  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0

relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

relative Natural Colour (NC)  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

standard and adapted CIELAB  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0

relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

relative Natural Colour (NC)  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

standard and adapted CIELAB  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0

relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

relative Natural Colour (NC)  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

standard and adapted CIELAB  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0

relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0  
lab\*lab 1.0 0.0 0.0

### TLS70; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>  | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>  | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>  | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>  | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>  | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>  | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>  | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RC <sub>IE</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub> | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub> | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub> | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

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

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

relative Inform. Technology (IT)  
olv3\* 1.0 0.5 1.0 (1.0)  
cmyn3\* 0.0 0.25 0.0 (0.0)  
olv4\* 1.0 0.5 1.0 (1.0)  
cmyn4\* 0.0 0.25 0.0 (0.0)  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Natural Colour (NC)  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Natural Colour (NC)  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Natural Colour (NC)  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Inform. Technology (IT)  
olv3\* 1.0 0.5 1.0 (1.0)  
cmyn3\* 0.0 0.25 0.0 (0.0)  
olv4\* 1.0 0.5 1.0 (1.0)  
cmyn4\* 0.0 0.25 0.0 (0.0)  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Natural Colour (NC)  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Natural Colour (NC)  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Inform. Technology (IT)  
olv3\* 1.0 0.5 1.0 (1.0)  
cmyn3\* 0.0 0.25 0.0 (0.0)  
olv4\* 1.0 0.5 1.0 (1.0)  
cmyn4\* 0.0 0.25 0.0 (0.0)  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Natural Colour (NC)  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Natural Colour (NC)  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Inform. Technology (IT)  
olv3\* 1.0 0.5 1.0 (1.0)  
cmyn3\* 0.0 0.25 0.0 (0.0)  
olv4\* 1.0 0.5 1.0 (1.0)  
cmyn4\* 0.0 0.25 0.0 (0.0)  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Natural Colour (NC)  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

relative Natural Colour (NC)  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

standard and adapted CIELAB  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61  
LAB\*Lab 86.95 18.76 -12.61

relative CIELAB lab\*  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278  
lab\*lab 0.671 0.415 -0.278

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

$n^* = 4.25$

$n^* = 4.50$

$n^* = 4.75$

$n^* = 5.00$

$n^* = 5.25$

$n^* = 5.50$

$n^* = 5.75$

$n^* = 6.00$

$n^* = 6.25$

$n^* = 6.50$

$n^* = 6.75$

$n^* = 7.00$

$n^* = 7.25$

$n^* = 7.50$

$n^* = 7.75$

$n^* = 8.00$

$n^* = 8.25$

$n^* = 8.50$

$n^* = 8.75$

$n^* = 9.00$

$n^* = 9.25$

$n^* = 9.50$

$n^* = 9.75$

$n^* = 10.00$

$n^* = 10.25$

$n^* = 10.50$

$n^* = 10.75$

$n^* = 11.00$

$n^* = 11.25$

$n^* = 11.50$

$n^* = 11.75$

$n^* = 12.00$

$n^* = 12.25$

$n^* = 12.50$

$n^* = 12.75$

$n^* = 13.00$

$n^* = 13.25$

$n^* = 13.50$

$n^* = 13.75$

$n^* = 14.00$

$n^* = 14.25$

$n^* = 14.50$

$n^* = 14.75$

$n^* = 15.00$

$n^* = 15.25$

$n^* = 15.50$

$n^* = 15.75$

$n^* = 16.00$

$n^* = 16.25$

$n^* = 16.50$

$n^* = 16.75$

$n^* = 17.00$

$n^* = 17.25$

$n^* = 17.50$

$n^* = 17.75$

$n^* = 18.00$

$n^* = 18.25$

$n^* = 18.50$

$n^* = 18.75$

$n^* = 19.00$

$n^* = 19.25$

$n^* = 19.50$

$n^* = 19.75$

$n^* = 20.00$

$n^* = 20.25$

$n^* = 20.50$

$n^* = 20.75$

$n^* = 21.00$

$n^* = 21.2$

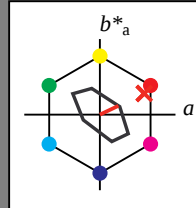
### Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

$lab^*ch$  und  $lab^*nch$

D65: Buntton R  
LCH\*Ma: 77 27 25  
olv\*Ma: 1.0 0.05 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 16$

relative Inform. Technology (IT)

|         |       |     |     |       |
|---------|-------|-----|-----|-------|
| olv3*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv3*   | 0.0   | 0.0 | 0.0 | (0.0) |
| olv4*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv4*   | 0.0   | 0.0 | 0.0 | (0.0) |
| olv5*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv5*   | 0.0   | 0.0 | 0.0 | (0.0) |
| LAB*LAB | 95.41 | 0.0 | 0.0 |       |
| LAB*LAB | 95.41 | 0.0 | 0.0 |       |
| LAB*LAB | 95.41 | 0.0 | 0.0 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv3*   | 0.0   | 0.238 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv4*   | 0.0   | 0.238 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv5*   | 0.0   | 0.238 | 0.25 | (0.0) |
| LAB*LAB | 90.87 | 6.13  | 2.92 |       |
| LAB*LAB | 90.87 | 6.13  | 2.92 |       |
| LAB*LAB | 90.87 | 6.13  | 2.92 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.523 | 0.5  | (1.0) |
| olv3*   | 0.0   | 0.477 | 0.5  | (0.0) |
| olv4*   | 1.0   | 0.523 | 0.5  | (1.0) |
| olv4*   | 0.0   | 0.477 | 0.5  | (0.0) |
| olv5*   | 1.0   | 0.523 | 0.5  | (1.0) |
| olv5*   | 0.0   | 0.477 | 0.5  | (0.0) |
| LAB*LAB | 86.33 | 12.27 | 5.85 |       |
| LAB*LAB | 86.33 | 12.27 | 5.85 |       |
| LAB*LAB | 86.33 | 12.27 | 5.85 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 1.0   | 0.285 | 0.25 | (1.0) |
| olv3*   | 0.0   | 0.715 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.285 | 0.25 | (1.0) |
| olv4*   | 0.0   | 0.715 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.285 | 0.25 | (1.0) |
| olv5*   | 0.0   | 0.715 | 0.25 | (0.0) |
| LAB*LAB | 81.79 | 18.41 | 8.77 |       |
| LAB*LAB | 81.79 | 18.41 | 8.77 |       |
| LAB*LAB | 81.79 | 18.41 | 8.77 |       |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv3*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0   | (0.0) |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 0.75  | 0.75 | 0.75 | (1.0) |
| olv3*   | 0.25  | 0.25 | 0.25 | (0.0) |
| olv4*   | 1.0   | 1.0  | 1.0  | (1.0) |
| olv4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| olv5*   | 1.0   | 1.0  | 1.0  | (1.0) |
| olv5*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB | 88.98 | 0.0  | 0.0  |       |
| LAB*LAB | 88.98 | 0.0  | 0.0  |       |
| LAB*LAB | 88.98 | 0.0  | 0.0  |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 0.75  | 0.512 | 0.5  | (1.0) |
| olv3*   | 0.25  | 0.488 | 0.5  | (0.0) |
| olv4*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv4*   | 0.0   | 0.238 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv5*   | 0.0   | 0.238 | 0.25 | (0.0) |
| LAB*LAB | 84.44 | 6.14  | 2.92 |       |
| LAB*LAB | 84.44 | 6.14  | 2.92 |       |
| LAB*LAB | 84.44 | 6.14  | 2.92 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 0.75  | 0.285 | 0.25 | (1.0) |
| olv3*   | 0.25  | 0.715 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.523 | 0.5  | (1.0) |
| olv4*   | 0.0   | 0.477 | 0.5  | (0.0) |
| olv5*   | 1.0   | 0.523 | 0.5  | (1.0) |
| olv5*   | 0.0   | 0.477 | 0.5  | (0.0) |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 0.75  | 0.047 | 0.0   | (1.0) |
| olv3*   | 0.25  | 0.953 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0   | (0.0) |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 0.75  | 0.047 | 0.0   | (1.0) |
| olv3*   | 0.25  | 0.953 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0   | (0.0) |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |

relative Inform. Technology (IT)

|         |       |     |     |       |
|---------|-------|-----|-----|-------|
| olv3*   | 0.5   | 0.5 | 0.5 | (1.0) |
| olv3*   | 0.5   | 0.5 | 0.5 | (0.0) |
| olv4*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv4*   | 0.0   | 0.0 | 0.0 | (0.0) |
| olv5*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv5*   | 0.0   | 0.0 | 0.0 | (0.0) |
| LAB*LAB | 82.56 | 0.0 | 0.0 |       |
| LAB*LAB | 82.56 | 0.0 | 0.0 |       |
| LAB*LAB | 82.56 | 0.0 | 0.0 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 0.5   | 0.378 | 0.75 | (1.0) |
| olv3*   | 0.5   | 0.622 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv4*   | 0.0   | 0.238 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv5*   | 0.0   | 0.238 | 0.25 | (0.0) |
| LAB*LAB | 82.56 | 0.0   | 0.0  |       |
| LAB*LAB | 82.56 | 0.0   | 0.0  |       |
| LAB*LAB | 82.56 | 0.0   | 0.0  |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 0.5   | 0.047 | 0.0  | (1.0) |
| olv3*   | 0.5   | 0.953 | 0.0  | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0  | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0  | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0  | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0  | (0.0) |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 0.5   | 0.047 | 0.0   | (1.0) |
| olv3*   | 0.5   | 0.953 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0   | (0.0) |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 0.5   | 0.047 | 0.0   | (1.0) |
| olv3*   | 0.5   | 0.953 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0   | (0.0) |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |

relative Inform. Technology (IT)

|         |       |      |      |       |
|---------|-------|------|------|-------|
| olv3*   | 0.25  | 0.25 | 0.25 | (1.0) |
| olv3*   | 0.75  | 0.75 | 0.75 | (0.0) |
| olv4*   | 1.0   | 1.0  | 1.0  | (1.0) |
| olv4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| olv5*   | 1.0   | 1.0  | 1.0  | (1.0) |
| olv5*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB | 82.56 | 0.0  | 0.0  |       |
| LAB*LAB | 82.56 | 0.0  | 0.0  |       |
| LAB*LAB | 82.56 | 0.0  | 0.0  |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 0.25  | 0.378 | 0.75 | (1.0) |
| olv3*   | 0.75  | 0.622 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv4*   | 0.0   | 0.238 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv5*   | 0.0   | 0.238 | 0.25 | (0.0) |
| LAB*LAB | 82.56 | 0.0   | 0.0  |       |
| LAB*LAB | 82.56 | 0.0   | 0.0  |       |
| LAB*LAB | 82.56 | 0.0   | 0.0  |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 0.25  | 0.047 | 0.0  | (1.0) |
| olv3*   | 0.75  | 0.953 | 0.0  | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0  | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0  | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0  | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0  | (0.0) |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 0.25  | 0.047 | 0.0   | (1.0) |
| olv3*   | 0.75  | 0.953 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0   | (0.0) |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 0.25  | 0.047 | 0.0   | (1.0) |
| olv3*   | 0.75  | 0.953 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0   | (0.0) |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |

relative Inform. Technology (IT)

|         |       |     |     |       |
|---------|-------|-----|-----|-------|
| olv3*   | 0.0   | 0.0 | 0.0 | (1.0) |
| olv3*   | 1.0   | 1.0 | 1.0 | (0.0) |
| olv4*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv4*   | 0.0   | 0.0 | 0.0 | (0.0) |
| olv5*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv5*   | 0.0   | 0.0 | 0.0 | (0.0) |
| LAB*LAB | 82.56 | 0.0 | 0.0 |       |
| LAB*LAB | 82.56 | 0.0 | 0.0 |       |
| LAB*LAB | 82.56 | 0.0 | 0.0 |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 0.0   | 0.378 | 0.75 | (1.0) |
| olv3*   | 1.0   | 0.622 | 0.25 | (0.0) |
| olv4*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv4*   | 0.0   | 0.238 | 0.25 | (0.0) |
| olv5*   | 1.0   | 0.762 | 0.75 | (1.0) |
| olv5*   | 0.0   | 0.238 | 0.25 | (0.0) |
| LAB*LAB | 82.56 | 0.0   | 0.0  |       |
| LAB*LAB | 82.56 | 0.0   | 0.0  |       |
| LAB*LAB | 82.56 | 0.0   | 0.0  |       |

relative Inform. Technology (IT)

|         |       |       |      |       |
|---------|-------|-------|------|-------|
| olv3*   | 0.0   | 0.047 | 0.0  | (1.0) |
| olv3*   | 1.0   | 0.953 | 0.0  | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0  | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0  | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0  | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0  | (0.0) |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |
| LAB*LAB | 79.19 | 12.27 | 5.85 |       |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 0.0   | 0.047 | 0.0   | (1.0) |
| olv3*   | 1.0   | 0.953 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0   | (0.0) |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 0.0   | 0.047 | 0.0   | (1.0) |
| olv3*   | 1.0   | 0.953 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv4*   | 0.0   | 0.953 | 0.0   | (0.0) |
| olv5*   | 1.0   | 0.047 | 0.0   | (1.0) |
| olv5*   | 0.0   | 0.953 | 0.0   | (0.0) |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |
| LAB*LAB | 77.25 | 24.54 | 11.69 |       |

relative Inform. Technology (IT)

|         |       |     |     |       |
|---------|-------|-----|-----|-------|
| olv3*   | 0.0   | 0.0 | 0.0 | (1.0) |
| olv3*   | 1.0   | 1.0 | 1.0 | (0.0) |
| olv4*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv4*   | 0.0   | 0.0 | 0.0 | (0.0) |
| olv5*   | 1.0   | 1.0 | 1.0 | (1.0) |
| olv5*   | 0.0   | 0.0 | 0.0 | (0.0) |
| LAB*LAB | 82.56 | 0.0 | 0.0 |       |
| LAB*LAB | 82.56 | 0.0 | 0.0 |       |
| LAB*LAB | 82.56 | 0.0 | 0.0 |       |

relative Inform. Technology (IT)

|       |     |       |      |       |
|-------|-----|-------|------|-------|
| olv3* | 0.0 | 0.378 | 0.75 | (1.0) |
| olv3* | 1.0 | 0.622 | 0.25 | (0    |

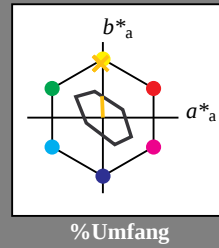
### Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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  $t^*$



$u^*_{rel} = 16$

relative Inform. Technology (IT)

|         |       |     |     |       |
|---------|-------|-----|-----|-------|
| olv3*   | 1.0   | 1.0 | 1.0 | (1.0) |
| cmv3*   | 0.0   | 0.0 | 0.0 | (0.0) |
| olv4*   | 1.0   | 1.0 | 1.0 | (1.0) |
| cmv4*   | 0.0   | 0.0 | 0.0 | (0.0) |
| LAB*Lab | 95.41 | 0.0 | 0.0 |       |
| LAB*Lab | 95.41 | 0.0 | 0.0 |       |
| LAB*Lab | 95.41 | 0.0 | 0.0 |       |

standard and adapted CIELAB

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| LAB*Lab | 95.41 | 0.0 | 0.0 |  |
| LAB*Lab | 95.41 | 0.0 | 0.0 |  |
| LAB*Lab | 95.41 | 0.0 | 0.0 |  |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 1.0 | 0.0 | 0.0 |  |
| lab*lab | 1.0 | 0.0 | 0.0 |  |
| lab*lab | 1.0 | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 1.0 | 0.0 | 0.0 |  |
| lab*lab | 1.0 | 0.0 | 0.0 |  |
| lab*lab | 1.0 | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |      |       |      |       |
|---------|------|-------|------|-------|
| olv3*   | 1.0  | 0.935 | 0.75 | (1.0) |
| cmv3*   | 0.0  | 0.065 | 0.25 | (0.0) |
| olv4*   | 1.0  | 0.935 | 0.75 | (1.0) |
| cmv4*   | 0.0  | 0.065 | 0.25 | (0.0) |
| LAB*Lab | 93.9 | -0.28 | 7.09 |       |
| LAB*Lab | 93.9 | -0.28 | 7.09 |       |
| LAB*Lab | 93.9 | -0.28 | 7.09 |       |

standard and adapted CIELAB

|         |      |       |      |  |
|---------|------|-------|------|--|
| LAB*Lab | 93.9 | -0.28 | 7.09 |  |
| LAB*Lab | 93.9 | -0.28 | 7.09 |  |
| LAB*Lab | 93.9 | -0.28 | 7.09 |  |

relative CIELAB lab\*

|         |       |      |       |  |
|---------|-------|------|-------|--|
| lab*lab | 0.941 | 0.0  | 0.25  |  |
| lab*lab | 0.875 | 0.25 | 0.256 |  |
| lab*lab | 0.875 | 0.25 | 0.256 |  |

relative Natural Colour (NC)

|         |       |      |       |  |
|---------|-------|------|-------|--|
| lab*lab | 0.941 | 0.0  | 0.25  |  |
| lab*lab | 0.875 | 0.25 | 0.256 |  |
| lab*lab | 0.875 | 0.25 | 0.256 |  |

relative Inform. Technology (IT)

|         |      |       |       |       |
|---------|------|-------|-------|-------|
| olv3*   | 1.0  | 0.875 | 0.5   | (1.0) |
| cmv3*   | 0.0  | 0.125 | 0.5   | (0.0) |
| olv4*   | 1.0  | 0.875 | 0.5   | (1.0) |
| cmv4*   | 0.0  | 0.125 | 0.5   | (0.0) |
| LAB*Lab | 92.4 | -0.57 | 14.19 |       |
| LAB*Lab | 92.4 | -0.57 | 14.19 |       |
| LAB*Lab | 92.4 | -0.57 | 14.19 |       |

standard and adapted CIELAB

|         |      |       |       |  |
|---------|------|-------|-------|--|
| LAB*Lab | 92.4 | -0.57 | 14.19 |  |
| LAB*Lab | 92.4 | -0.57 | 14.19 |  |
| LAB*Lab | 92.4 | -0.57 | 14.19 |  |

relative CIELAB lab\*

|         |       |        |       |  |
|---------|-------|--------|-------|--|
| lab*lab | 0.883 | -0.019 | 0.499 |  |
| lab*lab | 0.75  | 0.5    | 0.256 |  |
| lab*lab | 0.75  | 0.5    | 0.256 |  |

relative Natural Colour (NC)

|         |       |        |       |  |
|---------|-------|--------|-------|--|
| lab*lab | 0.883 | -0.019 | 0.499 |  |
| lab*lab | 0.75  | 0.5    | 0.256 |  |
| lab*lab | 0.75  | 0.5    | 0.256 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.805 | 0.25  | (1.0) |
| cmv3*   | 0.0   | 0.195 | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.805 | 0.25  | (1.0) |
| cmv4*   | 0.0   | 0.195 | 0.0   | (0.0) |
| LAB*Lab | 90.89 | -0.85 | 21.28 |       |
| LAB*Lab | 90.89 | -0.85 | 21.28 |       |
| LAB*Lab | 90.89 | -0.85 | 21.28 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 90.89 | -0.85 | 21.28 |  |
| LAB*Lab | 90.89 | -0.85 | 21.28 |  |
| LAB*Lab | 90.89 | -0.85 | 21.28 |  |

relative CIELAB lab\*

|         |       |      |      |  |
|---------|-------|------|------|--|
| lab*lab | 0.824 | 0.0  | 0.75 |  |
| lab*lab | 0.625 | 0.75 | 0.25 |  |
| lab*lab | 0.625 | 0.75 | 0.25 |  |

relative Natural Colour (NC)

|         |       |      |      |  |
|---------|-------|------|------|--|
| lab*lab | 0.824 | 0.0  | 0.75 |  |
| lab*lab | 0.625 | 0.75 | 0.25 |  |
| lab*lab | 0.625 | 0.75 | 0.25 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)

|         |       |       |       |       |
|---------|-------|-------|-------|-------|
| olv3*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv3*   | 0.0   | 0.26  | 0.0   | (0.0) |
| olv4*   | 1.0   | 0.74  | 0.0   | (1.0) |
| cmv4*   | 0.0   | 0.26  | 0.0   | (0.0) |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |
| LAB*Lab | 89.38 | -1.14 | 28.37 |       |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |
| LAB*Lab | 89.38 | -1.14 | 28.37 |  |

relative CIELAB lab\*

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Natural Colour (NC)

|         |       |     |     |  |
|---------|-------|-----|-----|--|
| lab*lab | 0.766 | 0.0 | 1.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |
| lab*lab | 0.5   | 0.0 | 0.0 |  |

relative Inform. Technology (IT)</

## lab\*tch und lab\*nch

### Dreiecks-Helligkeit $t^*$

%Regularität
$$g^*_{H_{rel}} = 34$$

0,75

1,00

| relative Inform. Techno |      |      |
|-------------------------|------|------|
| <i>olvi3*</i>           | 0.0  | 0.0  |
| <i>cmyn3*</i>           | 1.0  | 1.0  |
| <i>olvi4*</i>           | 1.0  | 1.0  |
| <i>cmyn4*</i>           | 0.0  | 0.0  |
| standard and adapted C  |      |      |
| <i>LAB*LAB</i>          | 0.03 | 0.0  |
| <i>LAB*LABa</i>         | 0.03 | 0.0  |
| <i>LAB*TCha</i>         | 0.01 | 0.01 |
| relative CIELab lab*    |      |      |
| <i>lab*lab</i>          | 0.0  | 0.0  |
| <i>lab*tch</i>          | 0.0  | 0.0  |
| <i>lab*nch</i>          | 1.0  | 0.0  |
| relative Natural Colour |      |      |
| <i>lab*lrj</i>          | 0.0  | 0.0  |
| <i>lab*tce</i>          | 0.0  | 0.0  |
| <i>lab*nCe</i>          | 1.0  | 0.0  |

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BAM-Prüfvorlage OG58; Farbmessung

*lab\*tch* und *lab\*nch*

### Dreiecks-Helligkeit $t^*$


$$\mathbf{u}_{\text{rel}}^* = 158$$
%Regularität
$$g^*_{H\text{ rel}} = 20$$

1,00

relative Buntheit

---

```
0 & TLS00 input: cmy0* setcmykcolor
```

## Seitenzahl 10