

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 90/360 = 0.25$

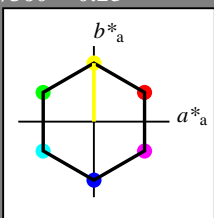
lab^*ch and lab^*nch

D65: hue Y

LCH*Ma: 57 77 90

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

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*LAB | 95.41 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 99.99 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |
| relative Natural Colour (NC) | lab*ch | 0.0 | 0.0 |
| lab*ch | 1.0 | 0.0 | 0.0 |
| lab*nch | 0.0 | 1.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|------|-------|
| olvi3* | 0.75 | 0.75 | 0.75 | (1.0) |
| cmyn3* | 0.25 | 0.25 | 0.25 | (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 | 76.07 | 0.0 | 0.0 |
| LAB*LAB | 76.07 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 75.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|------|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*ch | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.75 | 0.0 | 0.0 |
| relative Natural Colour (NC) | lab*ch | 0.75 | 0.0 |
| lab*ch | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.75 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-----|-------|
| olvi3* | 0.5 | 0.5 | 0.5 | (0.0) |
| cmyn3* | 0.5 | 0.5 | 0.5 | (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 | 56.72 | 0.0 | 0.0 |
| LAB*LAB | 56.72 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 50.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-----|-----|
| lab*lab | 0.5 | 0.0 | 0.0 |
| lab*ch | 0.5 | 0.0 | 0.0 |
| lab*nch | 0.5 | 0.0 | 0.0 |
| relative Natural Colour (NC) | lab*ch | 0.5 | 0.0 |
| lab*ch | 0.5 | 0.0 | 0.0 |
| lab*nch | 0.5 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|------|-------|
| olvi3* | 0.25 | 0.25 | 0.25 | (1.0) |
| cmyn3* | 0.75 | 0.75 | 0.75 | (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 | 37.37 | 0.0 | 0.0 |
| LAB*LAB | 37.37 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 25.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|------|-----|
| lab*lab | 0.25 | 0.0 | 0.0 |
| lab*ch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| relative Natural Colour (NC) | lab*ch | 0.25 | 0.0 |
| lab*ch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 0.125 | 0.125 | 0.125 | (1.0) |
| cmyn3* | 0.875 | 0.875 | 0.875 | (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 | 27.69 | 0.0 | 0.0 |
| LAB*LAB | 27.69 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 12.50 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-------|-----|
| lab*lab | 0.125 | 0.0 | 0.0 |
| lab*ch | 0.125 | 0.0 | 0.0 |
| lab*nch | 0.125 | 0.0 | 0.0 |
| relative Natural Colour (NC) | lab*ch | 0.125 | 0.0 |
| lab*ch | 0.125 | 0.0 | 0.0 |
| lab*nch | 0.125 | 0.0 | 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 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 18.03 | 0.0 | 0.0 |
| LAB*LAB | 18.03 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 0.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |
| relative Natural Colour (NC) | lab*ch | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |

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 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 9.00 | 0.0 | 0.0 |
| LAB*LAB | 9.00 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 0.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |
| relative Natural Colour (NC) | lab*ch | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |

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 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 18.03 | 0.0 | 0.0 |
| LAB*LAB | 18.03 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 0.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |
| relative Natural Colour (NC) | lab*ch | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |

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 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 18.03 | 0.0 | 0.0 |
| LAB*LAB | 18.03 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 0.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |
| relative Natural Colour (NC) | lab*ch | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |

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 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 18.03 | 0.0 | 0.0 |
| LAB*LAB | 18.03 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 0.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |
| relative Natural Colour (NC) | lab*ch | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |

SRS18; adapted (a) CIELAB data

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

%Regularity

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

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

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 | 76.06 | 0.0 | 38.69 |
| LAB*LAB | 76.06 | 0.0 | 38.69 | 0.0 |
| LAB*TCa | 75.0 | 0.0 | 38.69 | 90.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|------|------|
| lab*lab | 0.75 | 0.0 | 0.5 |
| lab*ch | 0.75 | 0.5 | 0.25 |
| lab*nch | 0.0 | 0.5 | 0.25 |
| relative Natural Colour (NC) | lab*ch | 0.75 | 0.25 |
| lab*ch | 0.75 | 0.25 | 0.25 |
| lab*nch | 0.0 | 0.75 | 0.25 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 0.75 | 0.75 | 0.75 | (1.0) |
| cmyn3* | 0.25 | 0.25 | 0.25 | (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 | 66.38 | 0.0 | 58.04 |
| LAB*LAB | 66.38 | 0.0 | 58.04 | 0.0 |
| LAB*TCa | 62.5 | 0.0 | 58.04 | 90.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-------|------|
| lab*lab | 0.625 | 0.0 | 0.75 |
| lab*ch | 0.625 | 0.75 | 0.25 |
| lab*nch | 0.0 | 0.75 | 0.25 |
| relative Natural Colour (NC) | lab*ch | 0.625 | 0.41 |
| lab*ch | 0.625 | 0.75 | 0.25 |
| lab*nch | 0.0 | 0.75 | 0.25 |

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 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.0 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 47.04 | 0.0 | 58.04 |
| LAB*LAB | 47.04 | 0.0 | 58.04 | 0.0 |
| LAB*TCa | 37.51 | 0.0 | 58.04 | 90.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-------|------|
| lab*lab | 0.375 | 0.0 | 0.75 |
| lab*ch | 0.375 | 0.75 | 0.25 |
| lab*nch | 0.0 | 0.75 | 0.25 |
| relative Natural Colour (NC) | lab*ch | 0.375 | 0.41 |
| lab*ch | 0.375 | 0.75 | 0.25 |
| lab*nch | 0.0 | 0.75 | 0.25 |

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 96/360 = 0.268$

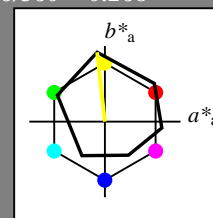
lab^*ch and lab^*nch

D65: hue Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

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 | -0.98 | 4.75 |
| LAB*LAB | 95.41 | -0.98 | 4.75 | 0.0 |
| LAB*TCa | 99.99 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*ch | 0.0 | 1.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 1.0 |
| relative Natural Colour (NC) | lab*ch | 1.0 | 0.0 |
| lab*ch | 1.0 | 0.0 | 0.0 |
| lab*nch | 0.0 | 1.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 0.75 | 0.75 | 0.75 | (1.0) |
| cmyn3* | 0.25 | 0.25 | 0.25 | (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 | 76.06 | -0.61 | 3.44 |
| LAB*LAB | 76.06 | -0.61 | 3.44 | 0.0 |
| LAB*TCa | 75.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|--------|------|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*ch | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.75 | 0.0 | 0.0 |
| relative Natural Colour (NC) | lab*ch | 0.75 | 0.0 |
| lab*ch | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.75 | 0.0 | |

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 210/360 = 0.583$

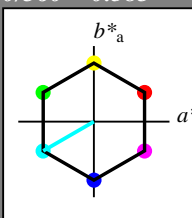
lab^*ch and lab^*nch

D65: hue C

LCH*Ma: 57 77 210

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data

| | $L^* = L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------------|---------|---------|--------------|--------------|
| O _{Ma} | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _{Ma} | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _{Ma} | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _{Ma} | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _{Ma} | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _{Ma} | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _{Ma} | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _{Ma} | 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 |

%Regularity

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

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

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv4* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmv4* | 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*LABc | 99.99 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|-----|-----|-------|
| ohv3* | 0.75 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.25 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.75 | 1.0 | 1.0 | 1.0 |
| cmv4* | 0.25 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|-------|
| LAB*LAB | 85.73 | -16.74 | -9.66 |
| LAB*LABa | 85.73 | -16.74 | -9.66 |
| LAB*LABc | 87.5 | 19.34 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.5 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.5 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.5 | 1.0 | 1.0 | 1.0 |
| cmv4* | 0.5 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 76.06 | -33.5 | -19.34 |
| LAB*LABa | 76.06 | -33.5 | -19.34 |
| LAB*LABc | 75.0 | 38.69 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|-----|-----|-------|
| ohv3* | 0.25 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.75 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.25 | 1.0 | 1.0 | 1.0 |
| cmv4* | 0.75 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 66.38 | -50.26 | -29.01 |
| LAB*LABa | 66.38 | -50.26 | -29.01 |
| LAB*LABc | 62.5 | 58.04 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.0 | 1.0 | 1.0 | (1.0) |
| cmv3* | 1.0 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.0 | 1.0 | 1.0 | 1.0 |
| cmv4* | 1.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 56.71 | -67.01 | -38.68 |
| LAB*LABa | 56.71 | -67.01 | -38.68 |
| LAB*LABc | 50.0 | 77.38 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|------|-----|-------|
| ohv3* | 0.0 | 0.75 | 1.0 | (1.0) |
| cmv3* | 0.5 | 0.5 | 0.5 | (0.5) |
| ohv4* | 0.0 | 0.75 | 1.0 | 1.0 |
| cmv4* | 0.5 | 0.5 | 0.5 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 66.38 | -8.02 | -8.42 |
| LAB*LABa | 66.38 | -8.02 | -8.42 |
| LAB*LABc | 62.5 | 13.57 | 236.02 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|--------|
| ohv3* | 0.0 | 0.5 | 1.0 | (1.0) |
| cmv3* | 0.75 | 0.25 | 0.25 | (0.25) |
| ohv4* | 0.0 | 0.5 | 1.0 | 1.0 |
| cmv4* | 0.75 | 0.25 | 0.25 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 66.38 | -1.23 | -2.16 |
| LAB*LABa | 66.38 | -1.23 | -2.16 |
| LAB*LABc | 60.0 | 0.25 | 666.6 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|--------|
| ohv3* | 0.0 | 0.25 | 1.0 | (1.0) |
| cmv3* | 0.75 | 0.25 | 0.25 | (0.25) |
| ohv4* | 0.0 | 0.25 | 1.0 | 1.0 |
| cmv4* | 0.75 | 0.25 | 0.25 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 66.38 | -0.34 | -0.67 |
| LAB*LABa | 66.38 | -0.34 | -0.67 |
| LAB*LABc | 60.0 | 0.25 | 666.6 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.0 | 0.0 | 1.0 | (1.0) |
| cmv3* | 1.0 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.0 | 0.0 | 1.0 | 1.0 |
| cmv4* | 1.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 77.01 | -15.8 | -18.98 |
| LAB*LABa | 77.01 | -15.8 | -18.98 |
| LAB*LABc | 75.0 | 27.14 | 236.02 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|-----|-----|-------|
| ohv3* | 0.25 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.75 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.25 | 1.0 | 1.0 | 1.0 |
| cmv4* | 0.75 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 67.81 | -23.21 | -30.86 |
| LAB*LABa | 67.81 | -23.21 | -30.86 |
| LAB*LABc | 62.5 | 40.72 | 236.02 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.0 | 1.0 | 1.0 | (1.0) |
| cmv3* | 1.0 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.0 | 1.0 | 1.0 | 1.0 |
| cmv4* | 1.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 58.62 | -30.61 | -42.73 |
| LAB*LABa | 58.62 | -30.61 | -42.73 |
| LAB*LABc | 50.0 | 54.29 | 236.02 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|-------|
| ohv3* | 0.75 | 0.75 | 0.75 | (1.0) |
| cmv3* | 0.25 | 0.25 | 0.25 | (0.0) |
| ohv4* | 1.0 | 1.0 | 1.0 | 0.75 |
| cmv4* | 0.0 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|-----|-----|
| LAB*LAB | 76.07 | 0.0 | 0.0 |
| LAB*LABa | 76.07 | 0.0 | 0.0 |
| LAB*LABc | 75.0 | 0.0 | 1.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|-------|
| ohv3* | 0.75 | 0.75 | 0.75 | (1.0) |
| cmv3* | 0.25 | 0.25 | 0.25 | (0.0) |
| ohv4* | 0.75 | 1.0 | 1.0 | 0.75 |
| cmv4* | 0.25 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|-------|
| LAB*LAB | 66.39 | -16.75 | -9.67 |
| LAB*LABa | 66.39 | -16.75 | -9.67 |
| LAB*LABc | 62.5 | 19.34 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.5 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.5 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.5 | 1.0 | 1.0 | 1.0 |
| cmv4* | 0.5 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | -33.5 | -19.34 |
| LAB*LABa | 56.71 | -33.5 | -19.34 |
| LAB*LABc | 50.0 | 77.38 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|-----|-----|-------|
| ohv3* | 0.25 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.75 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.25 | 1.0 | 1.0 | 1.0 |
| cmv4* | 0.75 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 66.38 | -50.26 | -29.01 |
| LAB*LABa | 66.38 | -50.26 | -29.01 |
| LAB*LABc | 62.5 | 58.04 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.0 | 1.0 | 1.0 | (1.0) |
| cmv3* | 1.0 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.0 | 1.0 | 1.0 | 1.0 |
| cmv4* | 1.0 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 56.71 | -67.01 | -38.68 |
| LAB*LABa | 56.71 | -67.01 | -38.68 |
| LAB*LABc | 50.0 | 77.38 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.0 | 0.5 | 1.0 | (1.0) |
| cmv3* | 0.5 | 0.5 | 0.5 | (0.5) |
| ohv4* | 0.0 | 0.5 | 1.0 | 1.0 |
| cmv4* | 0.5 | 0.5 | 0.5 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 66.38 | -8.02 | -8.42 |
| LAB*LABa | 66.38 | -8.02 | -8.42 |
| LAB*LABc | 62.5 | 13.57 | 236.02 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|--------|
| ohv3* | 0.0 | 0.25 | 1.0 | (1.0) |
| cmv3* | 0.75 | 0.25 | 0.25 | (0.25) |
| ohv4* | 0.0 | 0.25 | 1.0 | 1.0 |
| cmv4* | 0.75 | 0.25 | 0.25 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 66.38 | -1.23 | -2.16 |
| LAB*LABa | 66.38 | -1.23 | -2.16 |
| LAB*LABc | 60.0 | 0.25 | 666.6 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.0 | 0.0 | 1.0 | (1.0) |
| cmv3* | 1.0 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.0 | 0.0 | 1.0 | 1.0 |
| cmv4* | 1.0 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 77.01 | -15.8 | -18.98 |
| LAB*LABa | 77.01 | -15.8 | -18.98 |
| LAB*LABc | 75.0 | 27.14 | 236.02 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|-----|-----|-------|
| ohv3* | 0.25 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.75 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.25 | 1.0 | 1.0 | 1.0 |
| cmv4* | 0.75 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 67.81 | -23.21 | -30.86 |
| LAB*LABa | 67.81 | -23.21 | -30.86 |
| LAB*LABc | 62.5 | 40.72 | 236.02 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.0 | 1.0 | 1.0 | (1.0) |
| cmv3* | 1.0 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.0 | 1.0 | 1.0 | 1.0 |
| cmv4* | 1.0 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 58.62 | -30.61 | -42.73 |
| LAB*LABa | 58.62 | -30.61 | -42.73 |
| LAB*LABc | 50.0 | 54.29 | 236.02 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|--------|
| ohv3* | 0.0 | 0.75 | 1.0 | (1.0) |
| cmv3* | 0.75 | 0.25 | 0.25 | (0.25) |
| ohv4* | 0.0 | 0.75 | 1.0 | 1.0 |
| cmv4* | 0.75 | 0.25 | 0.25 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 67.81 | -23.21 | -30.86 |
| LAB*LABa | 67.81 | -23.21 | -30.86 |
| LAB*LABc | 60.0 | 0.25 | 666.6 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|-----|-----|-------|
| ohv3* | 0.75 | 0.0 | 0.0 | (0.0) |
| cmv3* | 0.25 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.75 | 0.0 | 0.0 | 0.0 |
| cmv4* | 0.25 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-----|-----|
| LAB*LAB | 76.07 | 0.0 | 0.0 |
| LAB*LABa | 76.07 | 0.0 | 0.0 |
| LAB*LABc | 75.0 | 0.0 | 1.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|-----|-----|-------|
| ohv3* | 0.75 | 0.0 | 0.0 | (0.0) |
| cmv3* | 0.25 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.75 | 1.0 | 1.0 | 0.75 |
| cmv4* | 0.25 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|-------|
| LAB*LAB | 66.39 | -16.75 | -9.67 |
| LAB*LABa | 66.39 | -16.75 | -9.67 |
| LAB*LABc | 62.5 | 19.34 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.5 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.5 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.5 | 1.0 | 1.0 | 1.0 |
| cmv4* | 0.5 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | -33.5 | -19.34 |
| LAB*LABa | 56.71 | -33.5 | -19.34 |
| LAB*LABc | 50.0 | 77.38 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|-----|-----|-------|
| ohv3* | 0.25 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.75 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.25 | 1.0 | 1.0 | 1.0 |
| cmv4* | 0.75 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 66.38 | -50.26 | -29.01 |
| LAB*LABa | 66.38 | -50.26 | -29.01 |
| LAB*LABc | 62.5 | 58.04 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.0 | 1.0 | 1.0 | (1.0) |
| cmv3* | 1.0 | 0.0 | 0.0 | (0.0) |
| ohv4* | 0.0 | 1.0 | 1.0 | 1.0 |
| cmv4* | 1.0 | 0.0 | 0.0 | 0.25 |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|--------|
| LAB*LAB | 56.71 | -67.01 | -38.68 |
| LAB*LABa | 56.71 | -67.01 | -38.68 |
| LAB*LABc | 50.0 | 77.38 | 210.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|-----|-----|-----|-------|
| ohv3* | 0.0 | 0.5 | 1.0 | (1.0) |
| cmv3* | 0.5 | 0.5 | 0.5 | (0.5) |
| ohv4* | 0.0 | 0.5 | 1.0 | 1.0 |
| cmv4* | 0.5 | 0.5 | 0.5 | 0.5 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 66.38 | -8.02 | -8.42 |
| LAB*LABa | 66.38 | -8.02 | -8.42 |

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 330/360 = 0.917$

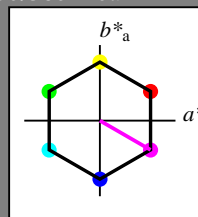
lab^*ch and lab^*nch

D65: hue M

LCH*Ma: 57 77 330

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 100$

SRS18; adapted (a) CIELAB data

| | $L^* = L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------------|---------|---------|--------------|--------------|
| O _{Ma} | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| Y _{Ma} | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| L _{Ma} | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| C _{Ma} | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| V _{Ma} | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| M _{Ma} | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| N _{Ma} | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _{Ma} | 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 |

%Regularity

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

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

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi2* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 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*LABb | 99.99 | 0.01 | 0.0 |

relative CIELAB lab*

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

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*nlr | 1.0 | 0.0 | 0.0 |
| lab*ncl | 1.0 | 0.0 | 0.0 |
| lab*ncc | 0.0 | 0.0 | 0.0 |
| lab*ncc | 0.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|------|-----|-------|
| olvi3* | 1.0 | 0.75 | 1.0 | (1.0) |
| olvi2* | 0.0 | 0.25 | 0.0 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 76.07 | 0.0 | 0.0 |
| LAB*LABa | 76.07 | 0.0 | 0.0 |
| LAB*LABb | 75.00 | 0.01 | 0.0 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.75 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 56.72 | 0.0 | 0.0 |
| LAB*LABa | 56.72 | 0.0 | 0.0 |
| LAB*LABb | 55.00 | 0.01 | 0.0 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.5 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 56.72 | 0.0 | 0.0 |
| LAB*LABa | 56.72 | 0.0 | 0.0 |
| LAB*LABb | 55.00 | 0.01 | 0.0 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.25 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 56.72 | 0.0 | 0.0 |
| LAB*LABa | 56.72 | 0.0 | 0.0 |
| LAB*LABb | 55.00 | 0.01 | 0.0 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.0 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | 33.52 | -19.34 |
| LAB*LABa | 56.71 | 33.52 | -19.34 |
| LAB*LABb | 50.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.0 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | 33.52 | -19.34 |
| LAB*LABa | 56.71 | 33.52 | -19.34 |
| LAB*LABb | 50.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.0 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | 33.52 | -19.34 |
| LAB*LABa | 56.71 | 33.52 | -19.34 |
| LAB*LABb | 50.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.0 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | 33.52 | -19.34 |
| LAB*LABa | 56.71 | 33.52 | -19.34 |
| LAB*LABb | 50.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.0 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | 33.52 | -19.34 |
| LAB*LABa | 56.71 | 33.52 | -19.34 |
| LAB*LABb | 50.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.0 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | 33.52 | -19.34 |
| LAB*LABa | 56.71 | 33.52 | -19.34 |
| LAB*LABb | 50.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|-------|
| olvi3* | 0.75 | 0.0 | 0.75 | (1.0) |
| olvi2* | 0.25 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 1.0 | 1.0 | 1.0 |
| olvi5* | 0.0 | 0.0 | 0.0 | 0.0 |
| olvi6* | 0.0 | 0.0 | 0.0 | 0.0 |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | 33.52 | -19.34 |
| LAB*LABa | 56.71 | 33.52 | -19.34 |
| LAB*LABb | 50.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nlr | 0.75 | 0.0 | 0.0 |
| lab*ncl | 0.75 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |
| lab*ncc | 0.25 | 0.0 | 0.0 |

NE570-7, 5 step scales for constant CIELAB hue 330/360 = 0.917 (left)

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 354/360 = 0.982$

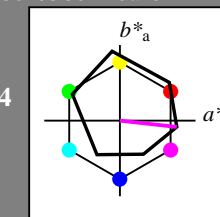
lab^*ch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$

ORS18; adapted (a) CIELAB data

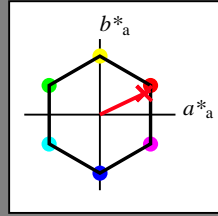
| | $L^* = L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------------|---------|---------|--------------|--------------|
| O _{Ma} | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _{Ma} | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _{Ma} | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _{Ma} | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _{Ma} | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _{Ma} | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _{Ma} | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _{Ma} | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| JCIE | 81.26 | -2.16 | 6 | | |

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 25/360 = 0.071$
 lab^*ch and lab^*nch

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

triangle lightness t^*



SRS18; adapted (a) CIELAB data

| | $L^* = L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| YMa | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| LMa | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| CMa | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| VMa | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| MMa | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| NMa | 18.01 | 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 |

%Regularity

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

relative Inform. Technology (IT)
 $olvi^* = 1.0$ 1.0 1.0 (1.0)
 $cmvz^* = 0.0$ 0.0 0.0 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 (1.0)
 $cmvz^* = 0.0$ 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*ch 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 1.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.75$ 0.75 0.75 (1.0)
 $cmvz^* = 0.0$ 0.25 0.25 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 (1.0)
 $cmvz^* = 0.0$ 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 0.0
 LAB*LABa 76.07 0.0 0.0
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0
 lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.5$ 0.5 0.5 (0.0)
 $cmvz^* = 0.0$ 0.5 0.5 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 (0.5)
 $cmvz^* = 0.0$ 0.5 0.5 (0.5)
 standard and adapted CIELAB
 LAB*LAB 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCHa 50.0 0.01

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.5 0.0 0.0
 lab*nce 0.5 0.0 0.0
 lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.25$ 0.25 0.25 (1.0)
 $cmvz^* = 0.75$ 0.75 0.75 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 (0.25)
 $cmvz^* = 0.0$ 0.0 0.0 0.75
 standard and adapted CIELAB
 LAB*LAB 37.37 0.0 0.0
 LAB*LABa 37.37 0.0 0.0
 LAB*TCHa 25.0 0.01

relative CIELAB lab*
 lab*lab 0.25 0.0 0.0
 lab*ch 0.25 0.0 0.0
 lab*nch 0.125 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.25 0.0 0.0
 lab*nce 0.25 0.0 0.0
 lab*nce 0.125 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.0$ 0.0 0.0 (1.0)
 $cmvz^* = 1.0$ 1.0 1.0 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 (0.0)
 $cmvz^* = 0.0$ 0.0 0.0 1.0
 standard and adapted CIELAB
 LAB*LAB 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*TCHa 0.0 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
 $olvi^* = 1.0$ 0.75 0.75 (1.0)
 $cmvz^* = 0.0$ 0.25 0.28 (0.0)
 $olvi^* = 1.0$ 0.75 0.75 (1.0)
 $cmvz^* = 0.0$ 0.25 0.28 (0.0)
 standard and adapted CIELAB
 LAB*LAB 85.73 16.75 7.98
 LAB*LABa 85.73 16.75 7.98
 LAB*TCHa 87.5 18.56 25.48

relative CIELAB lab*
 lab*lab 0.875 0.25 0.107
 lab*ch 0.875 0.25 0.071
 lab*nch 0.0 0.25 0.071
 relative Natural Colour (NC)
 lab*nrj 0.875 0.25 0.0
 lab*nce 0.875 0.25 0.0
 lab*nce 0.0 0.25 0.099

relative Inform. Technology (IT)
 $olvi^* = 0.75$ 0.5 0.5 (1.0)
 $cmvz^* = 0.25$ 0.5 0.78 (0.0)
 $olvi^* = 1.0$ 0.75 0.72 (0.75)
 $cmvz^* = 0.0$ 0.25 0.28 (0.25)
 standard and adapted CIELAB
 LAB*LAB 66.39 16.76 7.99
 LAB*LABa 66.39 16.76 7.99
 LAB*TCHa 62.5 18.56 25.48

relative CIELAB lab*
 lab*lab 0.625 0.26 0.108
 lab*ch 0.625 0.25 0.071
 lab*nch 0.25 0.25 0.071
 relative Natural Colour (NC)
 lab*nrj 0.625 0.25 0.0
 lab*nce 0.625 0.25 0.0
 lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
 $olvi^* = 0.5$ 0.75 0.78 (0.0)
 $cmvz^* = 0.5$ 0.5 0.72 (0.0)
 $olvi^* = 1.0$ 0.75 0.72 (0.75)
 $cmvz^* = 0.0$ 0.5 0.78 (0.5)
 standard and adapted CIELAB
 LAB*LAB 47.04 16.76 7.99
 LAB*LABa 47.04 16.76 7.99
 LAB*TCHa 37.5 18.56 25.48

relative CIELAB lab*
 lab*lab 0.375 0.26 0.108
 lab*ch 0.375 0.25 0.071
 lab*nch 0.25 0.25 0.071
 relative Natural Colour (NC)
 lab*nrj 0.375 0.25 0.0
 lab*nce 0.375 0.25 0.0
 lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
 $olvi^* = 0.25$ 0.0 0.0 (1.0)
 $cmvz^* = 0.75$ 1.0 0.978 (0.0)
 $olvi^* = 1.0$ 0.75 0.72 (0.75)
 $cmvz^* = 0.0$ 0.25 0.28 (0.25)
 standard and adapted CIELAB
 LAB*LAB 27.69 16.75 7.99
 LAB*LABa 27.69 16.75 7.99
 LAB*TCHa 12.5 18.56 25.5

relative CIELAB lab*
 lab*lab 0.125 0.26 0.108
 lab*ch 0.125 0.25 0.071
 lab*nch 0.25 0.25 0.071
 relative Natural Colour (NC)
 lab*nrj 0.125 0.25 0.0
 lab*nce 0.125 0.25 0.0
 lab*nce 0.25 0.25 0.099

$n^* = 0.50$

relative Inform. Technology (IT)
 $olvi^* = 1.0$ 0.5 0.54 (1.0)
 $cmvz^* = 0.0$ 0.5 0.54 (0.0)
 $olvi^* = 1.0$ 0.5 0.54 (1.0)
 $cmvz^* = 0.0$ 0.5 0.54 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 33.51 15.97
 LAB*LABa 76.06 33.51 15.97
 LAB*TCHa 75.0 37.12 25.48

relative CIELAB lab*
 lab*lab 0.75 0.451 0.215
 lab*ch 0.75 0.5 0.071
 lab*nch 0.0 0.5 0.071
 relative Natural Colour (NC)
 lab*nrj 0.75 0.5 0.0
 lab*nce 0.75 0.5 0.0
 lab*nce 0.0 0.5 0.099

relative Inform. Technology (IT)
 $olvi^* = 0.75$ 0.25 0.316 (1.0)
 $cmvz^* = 0.0$ 0.75 0.684 (0.0)
 $olvi^* = 1.0$ 0.25 0.316 (1.0)
 $cmvz^* = 0.0$ 0.75 0.684 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 50.27 23.95
 LAB*LABa 66.38 50.27 23.95
 LAB*TCHa 62.5 55.68 25.48

relative CIELAB lab*
 lab*lab 0.625 0.677 0.323
 lab*ch 0.625 0.75 0.071
 lab*nch 0.0 0.75 0.071
 relative Natural Colour (NC)
 lab*nrj 0.625 0.75 0.0
 lab*nce 0.625 0.75 0.0
 lab*nce 0.0 0.75 0.099

relative Inform. Technology (IT)
 $olvi^* = 0.5$ 0.5 0.903 (0.43)
 $cmvz^* = 0.25$ 1.0 0.913 (0.0)
 $olvi^* = 1.0$ 0.5 0.913 (0.0)
 $cmvz^* = 0.0$ 0.5 0.913 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 67.02 31.94
 LAB*LABa 56.71 67.02 31.94
 LAB*TCHa 50.0 74.24 25.48

relative CIELAB lab*
 lab*lab 0.5 0.903 0.43
 lab*ch 0.5 1.0 0.071
 lab*nch 0.25 0.5 0.071
 relative Natural Colour (NC)
 lab*nrj 0.5 1.0 0.0
 lab*nce 0.5 1.0 0.0
 lab*nce 0.25 0.5 0.099

relative Inform. Technology (IT)
 $olvi^* = 0.25$ 0.0 0.0 (1.0)
 $cmvz^* = 0.75$ 1.0 0.956 (0.0)
 $olvi^* = 1.0$ 0.25 0.956 (0.0)
 $cmvz^* = 0.0$ 0.0 0.956 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.36 33.51 15.97
 LAB*LABa 37.36 33.51 15.97
 LAB*TCHa 25.0 37.12 25.49

relative CIELAB lab*
 lab*lab 0.25 0.451 0.215
 lab*ch 0.25 0.5 0.071
 lab*nch 0.0 0.5 0.071
 relative Natural Colour (NC)
 lab*nrj 0.25 0.5 0.0
 lab*nce 0.25 0.5 0.0
 lab*nce 0.0 0.5 0.099

$n^* = 0.25$

relative Inform. Technology (IT)
 $olvi^* = 1.0$ 0.0 0.0 (1.0)
 $cmvz^* = 1.0$ 0.0 0.0 (0.0)
 $olvi^* = 1.0$ 0.0 0.0 (1.0)
 $cmvz^* = 0.0$ 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 0.0 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.75$ 0.0 0.0 (1.0)
 $cmvz^* = 0.75$ 0.0 0.0 (1.0)
 $olvi^* = 1.0$ 0.0 0.0 (1.0)
 $cmvz^* = 0.0$ 0.0 0.0 (1.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 0.0 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.5$ 0.0 0.0 (1.0)
 $cmvz^* = 0.5$ 0.0 0.0 (1.0)
 $olvi^* = 1.0$ 0.0 0.0 (1.0)
 $cmvz^* = 0.0$ 0.0 0.0 (1.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 0.0 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

$n^* = 0.00$

relative Inform. Technology (IT)
 $olvi^* = 0.25$ 0.0 0.0 (1.0)
 $cmvz^* = 0.25$ 0.0 0.0 (1.0)
 $olvi^* = 1.0$ 0.0 0.0 (1.0)
 $cmvz^* = 0.0$ 0.0 0.0 (1.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 0.0 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

$n^* = 0.00$

relative Inform. Technology (IT)
 $olvi^* = 1.0$ 0.0 0.0 (1.0)
 $cmvz^* = 0.5$ 0.5 0.5 (0.0)
 $olvi^* = 1.0$ 0.0 0.0 (1.0)
 $cmvz^* = 0.0$ 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 -0.61 3.44
 LAB*LABa 76.06 -0.61 3.44
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 1.0 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 1.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.75$ 0.75 0.75 (1.0)
 $cmvz^* = 0.5$ 0.5 0.5 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 0.75
 $cmvz^* = 0.0$ 0.0 0.0 0.25
 standard and adapted CIELAB
 LAB*LAB 76.06 -0.61 3.44
 LAB*LABa 76.06 -0.61 3.44
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 0.75 0.75 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.75 0.75 0.0
 lab*nce 0.75 0.75 0.0
 lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.5$ 0.5 0.5 (0.0)
 $cmvz^* = 0.5$ 0.5 0.5 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 0.5
 $cmvz^* = 0.0$ 0.5 0.5 0.5
 standard and adapted CIELAB
 LAB*LAB 56.71 -0.24 2.14
 LAB*LABa 56.71 -0.24 2.14
 LAB*TCHa 50.0 0.01

relative CIELAB lab*
 lab*lab 0.5 0.5 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.5 0.5 0.0
 lab*nce 0.5 0.5 0.0
 lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.25$ 0.25 0.25 (1.0)
 $cmvz^* = 0.75$ 0.75 0.75 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 0.25
 $cmvz^* = 0.0$ 0.25 0.25 0.75
 standard and adapted CIELAB
 LAB*LAB 37.36 33.51 15.97
 LAB*LABa 37.36 33.51 15.97
 LAB*TCHa 25.0 37.12 25.49

relative CIELAB lab*
 lab*lab 0.25 0.25 0.0
 lab*ch 0.25 0.25 0.0
 lab*nch 0.25 0.25 0.0
 relative Natural Colour (NC)
 lab*nrj 0.25 0.25 0.0
 lab*nce 0.25 0.25 0.0
 lab*nce 0.25 0.75 0.0

$n^* = 0.25$

relative Inform. Technology (IT)
 $olvi^* = 0.0$ 0.0 0.0 (1.0)
 $cmvz^* = 1.0$ 1.0 1.0 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 (0.0)
 $cmvz^* = 0.0$ 0.0 0.0 1.0
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 0.0 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

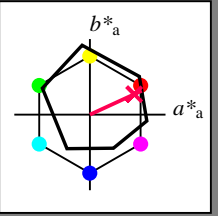
$n^* = 1.0$

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 25/360 = 0.069$
 lab^*ch and lab^*nch

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

triangle lightness t^*



relative Inform. Technology (IT)
 $olvi^* = 1.0$ 1.0 1.0 (1.0)
 $cmvz^* = 0.0$ 0.0 0.0 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 (1.0)
 $cmvz^* = 0.0$ 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 -0.98 4.75
 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*ch 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 1.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 $olvi^* = 0.75$ 0.75 0.75 (1.0)
 $cmvz^* = 0.0$ 0.25 0.169 (0.0)
 $olvi^* = 1.0$ 1.0 1.0 0.75
 $cmvz^* = 0.0$ 0.0 0.0 0.25
 standard and adapted CIELAB
 LAB*LAB 76.06 -0.61 3.44
 LAB*LABa 76.06 -0.61 3.44
 LAB*TCHa 75.0 0.01

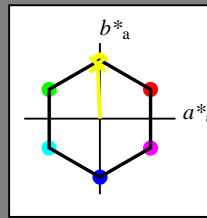
relative CIELAB lab*
 lab*lab 0.75 0.75 0.0
 lab*ch 0.75 0.0 0.

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 92/360 = 0.256$
 lab^*ch and lab^*nch

D65: hue J
 LCH*Ma: 57 76 92
 olv*Ma: 0.95 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|------|-----|-------|
| ohv3* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmv3* | 0.0 | 0.0 | 0.0 | (0.0) |
| olv3* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmv3* | 0.0 | 0.0 | 0.0 | 0.0 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 95.41 | 0.0 | 0.0 | 0.0 |
| LAB*LABa | 95.41 | 0.0 | 0.0 | 0.0 |
| LAB*TCHa | 99.99 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*ch | 1.0 | 0.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 1.0 | 0.0 | 0.0 |
| lab*lc | 1.0 | 0.0 | 0.0 |
| lab*nc | 0.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|------|------|-------|
| ohv3* | 0.75 | 0.75 | 0.75 | (1.0) |
| cmv3* | 0.25 | 0.25 | 0.25 | (0.0) |
| olv3* | 1.0 | 1.0 | 1.0 | 0.75 |
| cmv3* | 0.0 | 0.0 | 0.0 | 0.25 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 76.07 | 0.0 | 0.0 | 0.0 |
| LAB*LABa | 76.07 | 0.0 | 0.0 | 0.0 |
| LAB*TCHa | 75.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*ch | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.75 | 0.0 | 0.0 |
| lab*lc | 0.75 | 0.0 | 0.0 |
| lab*nc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|------|-----|-------|
| ohv3* | 0.5 | 0.5 | 0.5 | (0.0) |
| cmv3* | 0.5 | 0.5 | 0.5 | (0.0) |
| olv3* | 1.0 | 1.0 | 1.0 | 0.5 |
| cmv3* | 0.0 | 0.0 | 0.0 | 0.5 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 56.72 | 0.0 | 0.0 | 0.0 |
| LAB*LABa | 56.72 | 0.0 | 0.0 | 0.0 |
| LAB*TCHa | 50.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|-----|-----|-----|
| lab*lab | 0.5 | 0.0 | 0.0 |
| lab*ch | 0.5 | 0.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.5 | 0.0 | 0.0 |
| lab*lc | 0.5 | 0.0 | 0.0 |
| lab*nc | 0.5 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|------|------|-------|
| ohv3* | 0.25 | 0.25 | 0.25 | (1.0) |
| cmv3* | 0.75 | 0.75 | 0.75 | (0.0) |
| olv3* | 1.0 | 1.0 | 1.0 | 0.25 |
| cmv3* | 0.0 | 0.0 | 0.0 | 0.75 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 37.37 | 0.0 | 0.0 | 0.0 |
| LAB*LABa | 37.37 | 0.0 | 0.0 | 0.0 |
| LAB*TCHa | 25.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|------|-----|-----|
| lab*lab | 0.25 | 0.0 | 0.0 |
| lab*ch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.25 | 0.0 | 0.0 |
| lab*lc | 0.25 | 0.0 | 0.0 |
| lab*nc | 0.75 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|------|-----|-------|
| ohv3* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmv3* | 1.0 | 1.0 | 1.0 | (0.0) |
| olv3* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmv3* | 0.0 | 0.0 | 0.0 | 1.0 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 18.03 | 0.0 | 0.0 | 0.0 |
| LAB*LABa | 18.03 | 0.0 | 0.0 | 0.0 |
| LAB*TCHa | 0.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|-----|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*ch | 0.0 | 0.0 | 0.0 |
| lab*nch | 1.0 | 0.0 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.0 | 0.0 | 0.0 |
| lab*lc | 0.0 | 0.0 | 0.0 |
| lab*nc | 1.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|------|-----|-------|
| ohv3* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmv3* | 1.0 | 1.0 | 1.0 | (0.0) |
| olv3* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmv3* | 0.0 | 0.0 | 0.0 | 1.0 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 18.03 | 0.0 | 0.0 | 0.0 |
| LAB*LABa | 18.03 | 0.0 | 0.0 | 0.0 |
| LAB*TCHa | 0.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|-----|-----|-----|
| lab*lab | 0.0 | 0.0 | 0.0 |
| lab*ch | 0.0 | 0.0 | 0.0 |
| lab*nch | 1.0 | 0.0 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.0 | 0.0 | 0.0 |
| lab*lc | 0.0 | 0.0 | 0.0 |
| lab*nc | 1.0 | 0.0 | 0.0 |

SRS18; adapted (a) CIELAB data

| | $L^* = L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| YMa | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| LMa | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| CLa | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| VMa | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| MMa | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| NMa | 18.01 | 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 |

%Regularity

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

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

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|-------|-------|-------|
| ohv3* | 0.977 | 1.0 | 0.5 | (1.0) |
| cmv3* | 0.023 | 0.0 | 0.5 | (0.0) |
| olv3* | 0.977 | 1.0 | 0.5 | 1.0 |
| cmv3* | 0.0 | 0.0 | 0.5 | 0.25 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 76.06 | -1.51 | 37.81 | 0.0 |
| LAB*LABa | 76.06 | -1.51 | 37.81 | 0.0 |
| LAB*TCHa | 75.0 | 0.0 | 37.84 | 92.3 |

relative CIELAB lab*

| | | | |
|------------------------------|------|-----|------|
| lab*lab | 0.75 | 0.0 | 0.5 |
| lab*ch | 0.75 | 0.0 | 0.5 |
| lab*nch | 0.0 | 0.5 | 0.25 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.75 | 0.0 | 0.5 |
| lab*lc | 0.75 | 0.0 | 0.5 |
| lab*nc | 0.0 | 0.5 | 0.25 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|-------|-------|-------|
| ohv3* | 0.966 | 1.0 | 0.25 | (1.0) |
| cmv3* | 0.034 | 0.0 | 0.75 | (0.0) |
| olv3* | 0.966 | 1.0 | 0.25 | 1.0 |
| cmv3* | 0.034 | 0.0 | 0.75 | 0.0 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 66.38 | -2.27 | 56.72 | 0.0 |
| LAB*LABa | 66.38 | -2.27 | 56.72 | 0.0 |
| LAB*TCHa | 62.5 | 0.0 | 56.77 | 92.31 |

relative CIELAB lab*

| | | | |
|------------------------------|-------|------|------|
| lab*lab | 0.966 | 0.0 | 0.25 |
| lab*ch | 0.966 | 0.0 | 0.25 |
| lab*nch | 0.034 | 0.75 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.966 | 0.0 | 0.25 |
| lab*lc | 0.966 | 0.0 | 0.25 |
| lab*nc | 0.034 | 0.75 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|-------|-------|-------|
| ohv3* | 0.954 | 1.0 | 0.0 | (1.0) |
| cmv3* | 0.046 | 0.0 | 1.0 | (0.0) |
| olv3* | 0.954 | 1.0 | 0.0 | 1.0 |
| cmv3* | 0.046 | 0.0 | 1.0 | 0.0 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 56.71 | -3.04 | 75.62 | 0.0 |
| LAB*LABa | 56.71 | -3.04 | 75.62 | 0.0 |
| LAB*TCHa | 50.0 | 0.0 | 75.69 | 92.31 |

relative CIELAB lab*

| | | | |
|------------------------------|-------|-----|-----|
| lab*lab | 0.954 | 0.0 | 0.0 |
| lab*ch | 0.954 | 0.0 | 0.0 |
| lab*nch | 0.046 | 1.0 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.954 | 0.0 | 0.0 |
| lab*lc | 0.954 | 0.0 | 0.0 |
| lab*nc | 0.046 | 1.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|-------|-------|-------|
| ohv3* | 0.927 | 0.75 | 0.25 | (1.0) |
| cmv3* | 0.273 | 0.25 | 0.75 | (0.0) |
| olv3* | 0.927 | 0.75 | 0.25 | 1.0 |
| cmv3* | 0.023 | 0.0 | 0.75 | 0.25 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 56.71 | -1.52 | 37.82 | 0.0 |
| LAB*LABa | 56.71 | -1.52 | 37.82 | 0.0 |
| LAB*TCHa | 50.0 | 0.0 | 37.85 | 92.31 |

relative CIELAB lab*

| | | | |
|------------------------------|-------|------|------|
| lab*lab | 0.927 | 0.75 | 0.25 |
| lab*ch | 0.927 | 0.75 | 0.25 |
| lab*nch | 0.273 | 0.25 | 0.75 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.927 | 0.75 | 0.25 |
| lab*lc | 0.927 | 0.75 | 0.25 |
| lab*nc | 0.023 | 0.0 | 0.75 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|-------|-------|-------|
| ohv3* | 0.889 | 0.5 | 0.25 | (1.0) |
| cmv3* | 0.511 | 0.5 | 0.75 | (0.0) |
| olv3* | 0.889 | 1.0 | 0.75 | 0.5 |
| cmv3* | 0.011 | 0.0 | 0.25 | 0.5 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 47.0 | -0.75 | 18.91 | 0.0 |
| LAB*LABa | 47.0 | -0.75 | 18.91 | 0.0 |
| LAB*TCHa | 37.5 | 0.0 | 18.92 | 92.31 |

relative CIELAB lab*

| | | | |
|------------------------------|-------|-----|------|
| lab*lab | 0.889 | 0.5 | 0.25 |
| lab*ch | 0.889 | 0.5 | 0.25 |
| lab*nch | 0.511 | 0.5 | 0.75 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.889 | 0.5 | 0.25 |
| lab*lc | 0.889 | 0.5 | 0.25 |
| lab*nc | 0.011 | 0.0 | 0.25 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|-------|-------|-------|
| ohv3* | 0.875 | 0.0 | 0.0 | (1.0) |
| cmv3* | 0.125 | 0.0 | 0.0 | (0.0) |
| olv3* | 0.875 | 0.0 | 0.0 | 1.0 |
| cmv3* | 0.125 | 0.0 | 0.0 | 0.0 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 47.04 | -2.28 | 56.72 | 0.0 |
| LAB*LABa | 47.04 | -2.28 | 56.72 | 0.0 |
| LAB*TCHa | 37.51 | 0.0 | 56.77 | 92.31 |

relative CIELAB lab*

| | | | |
|------------------------------|-------|-----|-----|
| lab*lab | 0.875 | 0.0 | 0.0 |
| lab*ch | 0.875 | 0.0 | 0.0 |
| lab*nch | 0.125 | 0.0 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.875 | 0.0 | 0.0 |
| lab*lc | 0.875 | 0.0 | 0.0 |
| lab*nc | 0.125 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|-------|-------|-------|
| ohv3* | 0.716 | 0.75 | 0.0 | (1.0) |
| cmv3* | 0.284 | 0.25 | 1.0 | (0.0) |
| olv3* | 0.966 | 1.0 | 0.25 | 0.75 |
| cmv3* | 0.034 | 0.0 | 0.75 | 0.25 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 47.04 | -2.28 | 56.72 | 0.0 |
| LAB*LABa | 47.04 | -2.28 | 56.72 | 0.0 |
| LAB*TCHa | 37.51 | 0.0 | 56.77 | 92.31 |

relative CIELAB lab*

| | | | |
|------------------------------|-------|------|------|
| lab*lab | 0.716 | 0.75 | 0.0 |
| lab*ch | 0.716 | 0.75 | 0.0 |
| lab*nch | 0.284 | 0.25 | 1.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.716 | 0.75 | 0.0 |
| lab*lc | 0.716 | 0.75 | 0.0 |
| lab*nc | 0.034 | 0.0 | 0.75 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|------|-------|-------|
| ohv3* | 0.625 | 0.0 | 0.0 | (1.0) |
| cmv3* | 0.375 | 0.0 | 0.0 | (0.0) |
| olv3* | 0.625 | 0.0 | 0.0 | 1.0 |
| cmv3* | 0.375 | 0.0 | 0.0 | 0.0 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 37.51 | 0.0 | 56.77 | 92.31 |
| LAB*LABa | 37.51 | 0.0 | 56.77 | 92.31 |
| LAB*TCHa | 25.00 | 0.01 | 0.0 | 0.0 |

relative CIELAB lab*

| | | | |
|------------------------------|-------|-----|-----|
| lab*lab | 0.625 | 0.0 | 0.0 |
| lab*ch | 0.625 | 0.0 | 0.0 |
| lab*nch | 0.375 | 0.0 | 0.0 |
| relative Natural Colour (NC) | | | |
| lab*lj | 0.625 | 0.0 | 0.0 |
| lab*lc | 0.625 | 0.0 | 0.0 |
| lab*nc | 0.375 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|-------|-------|-------|-------|
| ohv3* | 0.5 | 0.5 | 0.5 | (0.0) |
| cmv3* | 0.5 | 0.5 | 0.5 | (0.0) |
| olv3* | 1.0 | 1.0 | 1.0 | 0.5 |
| cmv3* | 0.5 | 0.5 | 0.5 | 0.5 |
| standard and adapted CIELAB | | | | |
| LAB*LAB | 56.71 | -3.04 | 75.62 | 0.0 |
| LAB*LABa | 56.71 | -3.04 | 75.62 | 0.0 |
| LAB*TCHa | 50.0 | 0.0 | 75.69 | 92.31 |

relative CIELAB lab*

| | | | |
|---------|-----|-----|-----|
| lab*lab | 0.5 | 0.5 | 0.5 |
|---------|-----|-----|-----|

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 162/360 = 0.451$

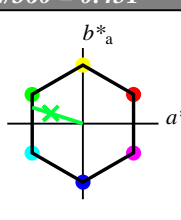
lab^*ch and lab^*nch

D65: hue G

LCH*Ma: 57 70 162

olv*Ma: 0.0 1.0 0.22

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| ohv1* | 1.0 | 1.0 | 1.0 | (1.0) |
| ohv2* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv3* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv4* | 1.0 | 1.0 | 1.0 | (1.0) |
| ohv5* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv6* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv7* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv8* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv9* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv10* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv11* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv12* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv13* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv14* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv15* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv16* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv17* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv18* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv19* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv20* | 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*LABb | 99.99 | 0.01 | 0.0 |

relative CIELAB lab*

| | | | |
|-----------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*labch | 1.0 | 0.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*nrj | 1.0 | 0.0 | 0.0 |
| lab*nrc | 1.0 | 0.0 | 0.0 |
| lab*nre | 0.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|--------|
| ohv1* | 0.75 | 0.75 | 0.75 | (1.0) |
| ohv2* | 0.25 | 0.25 | 0.25 | (1.0) |
| ohv3* | 1.0 | 1.0 | 1.0 | (0.75) |
| ohv4* | 0.0 | 0.0 | 0.0 | (0.25) |
| ohv5* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv6* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv7* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv8* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv9* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv10* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv11* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv12* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv13* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv14* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv15* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv16* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv17* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv18* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv19* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv20* | 0.0 | 0.0 | 0.0 | (0.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 76.07 | 0.0 | 0.0 |
| LAB*LABa | 76.07 | 0.0 | 0.0 |
| LAB*LABb | 75.00 | 0.01 | 0.0 |

relative CIELAB lab*

| | | | |
|-----------|------|-----|-----|
| lab*lab | 0.75 | 0.0 | 0.0 |
| lab*labch | 0.75 | 0.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nrj | 0.75 | 0.0 | 0.0 |
| lab*nrc | 0.75 | 0.0 | 0.0 |
| lab*nre | 0.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|-----|-----|-----|-------|
| ohv1* | 0.5 | 0.5 | 0.5 | (1.0) |
| ohv2* | 0.5 | 0.5 | 0.5 | (1.0) |
| ohv3* | 1.0 | 1.0 | 1.0 | (0.5) |
| ohv4* | 0.0 | 0.0 | 0.0 | (0.5) |
| ohv5* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv6* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv7* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv8* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv9* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv10* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv11* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv12* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv13* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv14* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv15* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv16* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv17* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv18* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv19* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv20* | 0.0 | 0.0 | 0.0 | (0.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 56.72 | 0.0 | 0.0 |
| LAB*LABa | 56.72 | 0.0 | 0.0 |
| LAB*LABb | 55.00 | 0.01 | 0.0 |

relative CIELAB lab*

| | | | |
|-----------|-----|-----|-----|
| lab*lab | 0.5 | 0.0 | 0.0 |
| lab*labch | 0.5 | 0.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|-----|-----|-----|
| lab*nrj | 0.5 | 0.0 | 0.0 |
| lab*nrc | 0.5 | 0.0 | 0.0 |
| lab*nre | 0.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|------|--------|
| ohv1* | 0.25 | 0.25 | 0.25 | (1.0) |
| ohv2* | 0.75 | 0.75 | 0.75 | (1.0) |
| ohv3* | 1.0 | 1.0 | 1.0 | (0.25) |
| ohv4* | 0.0 | 0.0 | 0.0 | (0.75) |
| ohv5* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv6* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv7* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv8* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv9* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv10* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv11* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv12* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv13* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv14* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv15* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv16* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv17* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv18* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv19* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv20* | 0.0 | 0.0 | 0.0 | (0.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 37.37 | 0.0 | 0.0 |
| LAB*LABa | 37.37 | 0.0 | 0.0 |
| LAB*LABb | 35.00 | 0.01 | 0.0 |

relative CIELAB lab*

| | | | |
|-----------|------|-----|-----|
| lab*lab | 0.25 | 0.0 | 0.0 |
| lab*labch | 0.25 | 0.0 | 0.0 |
| lab*nch | 0.0 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|---------|------|-----|-----|
| lab*nrj | 0.25 | 0.0 | 0.0 |
| lab*nrc | 0.25 | 0.0 | 0.0 |
| lab*nre | 0.0 | 0.0 | 0.0 |

SRS18; adapted (a) CIELAB data

| | $L^* = L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| YMa | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| LMa | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| CMa | 56.71 | -67.02 | -38.69 | 77.4 | 210 |
| VMa | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| MMa | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| NMa | 18.01 | 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 |

%Regularity

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

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

relative Inform. Technology (IT)

| | | | | |
|--------|------|-----|-------|-------|
| ohv1* | 0.5 | 1.0 | 0.611 | (1.0) |
| ohv2* | 0.25 | 0.5 | 0.306 | (1.0) |
| ohv3* | 1.0 | 1.0 | 0.611 | (1.0) |
| ohv4* | 0.0 | 0.0 | 0.306 | (0.0) |
| ohv5* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv6* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv7* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv8* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv9* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv10* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv11* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv12* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv13* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv14* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv15* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv16* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv17* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv18* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv19* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv20* | 0.0 | 0.0 | 0.0 | (0.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 76.06 | -33.5 | 10.74 |
| LAB*LABa | 76.06 | -33.5 | 10.74 |
| LAB*LABb | 75.0 | 35.19 | 162.23 |

relative CIELAB lab*

| | | | |
|-----------|------|--------|-------|
| lab*lab | 0.75 | -0.475 | 0.153 |
| lab*labch | 0.75 | 0.5 | 0.451 |
| lab*nch | 0.0 | 0.5 | 0.451 |

relative Natural Colour (NC)

| | | | |
|---------|------|--------|-----|
| lab*nrj | 0.75 | -0.499 | 0.0 |
| lab*nrc | 0.75 | 0.5 | 0.5 |
| lab*nre | 0.0 | 0.5 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|-------|--------|
| ohv1* | 0.25 | 0.75 | 0.361 | (1.0) |
| ohv2* | 0.75 | 0.25 | 0.639 | (1.0) |
| ohv3* | 1.0 | 1.0 | 0.611 | (0.75) |
| ohv4* | 0.0 | 0.0 | 0.306 | (0.25) |
| ohv5* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv6* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv7* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv8* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv9* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv10* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv11* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv12* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv13* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv14* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv15* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv16* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv17* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv18* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv19* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv20* | 0.0 | 0.0 | 0.0 | (0.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|--------|
| LAB*LAB | 56.71 | -33.5 | 10.75 |
| LAB*LABa | 56.71 | -33.5 | 10.75 |
| LAB*LABb | 50.0 | 35.2 | 162.22 |

relative CIELAB lab*

| | | | |
|-----------|-----|--------|-------|
| lab*lab | 0.5 | -0.475 | 0.153 |
| lab*labch | 0.5 | 0.5 | 0.451 |
| lab*nch | 0.0 | 0.5 | 0.451 |

relative Natural Colour (NC)

| | | | |
|---------|-----|--------|-----|
| lab*nrj | 0.5 | -0.499 | 0.0 |
| lab*nrc | 0.5 | 0.5 | 0.5 |
| lab*nre | 0.0 | 0.5 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|--------|------|------|-------|--------|
| ohv1* | 0.0 | 0.75 | 0.167 | (1.0) |
| ohv2* | 0.25 | 0.75 | 0.451 | (1.0) |
| ohv3* | 1.0 | 0.25 | 0.833 | (0.0) |
| ohv4* | 0.0 | 1.0 | 0.417 | (0.75) |
| ohv5* | 0.0 | 0.0 | 0.583 | (0.25) |
| ohv6* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv7* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv8* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv9* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv10* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv11* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv12* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv13* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv14* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv15* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv16* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv17* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv18* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv19* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv20* | 0.0 | 0.0 | 0.0 | (0.0) |

$n^* = 0.00$

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

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

$n^* = 0.25$

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

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

$n^* = 0.50$

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

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

$n^* = 1.00$

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

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

chromaticness c^*

Output: Colorimetric Offset Reflective System ORS18

