

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 30/360 = 0.083$

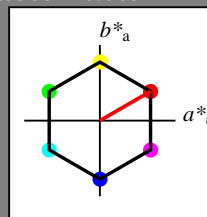
lab^*ch and lab^*nch

D65: hue 0

LCH*Ma: 57 77 30

olv*Ma: 1.0 0.0 0.0

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)

| | | | | |
|----------|-----|-----|-----|-------|
| olvi3* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi2* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi1* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi0* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-1* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-2* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-3* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-4* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-5* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-6* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-7* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-8* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-9* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-10* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-11* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-12* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-13* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-14* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-15* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-16* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-17* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-18* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi-19* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi-20* | 0.0 | 0.0 | 0.0 | (0.0) |

relative Inform. Technology (IT)

| | | | | |
|----------|-----|------|------|-------|
| olvi3* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi2* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi0* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-2* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-3* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-4* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-5* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-6* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-7* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-8* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-9* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-10* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-11* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-12* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-13* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-14* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-15* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-16* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-17* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-18* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-19* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-20* | 0.0 | 0.25 | 0.25 | (0.0) |

relative Inform. Technology (IT)

| | | | | |
|----------|-----|-----|-----|-------|
| olvi3* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi2* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi1* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi0* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-1* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-2* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-3* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-4* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-5* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-6* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-7* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-8* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-9* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-10* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-11* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-12* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-13* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-14* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-15* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-16* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-17* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-18* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-19* | 1.0 | 0.5 | 0.5 | (1.0) |
| olvi-20* | 0.0 | 0.5 | 0.5 | (1.0) |

relative Inform. Technology (IT)

| | | | | |
|----------|-----|------|------|-------|
| olvi3* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi2* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi1* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi0* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-1* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-2* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-3* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-4* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-5* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-6* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-7* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-8* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-9* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-10* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-11* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-12* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-13* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-14* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-15* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-16* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-17* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-18* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-19* | 1.0 | 0.25 | 0.25 | (1.0) |
| olvi-20* | 0.0 | 0.25 | 0.25 | (1.0) |

relative Inform. Technology (IT)

| | | | | |
|----------|-----|-----|-----|-------|
| olvi3* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi2* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi1* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi0* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-1* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-2* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-3* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-4* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-5* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-6* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-7* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-8* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-9* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-10* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-11* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-12* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-13* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-14* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-15* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-16* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-17* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-18* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-19* | 1.0 | 0.0 | 0.0 | (1.0) |
| olvi-20* | 0.0 | 0.0 | 0.0 | (1.0) |

relative Inform. Technology (IT)

| | | | | |
|----------|------|------|------|-------|
| olvi3* | 0.75 | 0.75 | 0.75 | (1.0) |
| olvi2* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi0* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-2* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-3* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-4* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-5* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-6* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-7* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-8* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-9* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-10* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-11* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-12* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-13* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-14* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-15* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-16* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-17* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-18* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi-19* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-20* | 0.0 | 0.25 | 0.25 | (0.0) |

relative Inform. Technology (IT)

| | | | | |
|----------|------|------|------|-------|
| olvi3* | 0.75 | 0.5 | 0.5 | (1.0) |
| olvi2* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi0* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-2* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-3* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-4* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-5* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-6* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-7* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-8* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-9* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-10* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-11* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-12* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-13* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-14* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-15* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-16* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-17* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-18* | 0.0 | 0.5 | 0.5 | (1.0) |
| olvi-19* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-20* | 0.0 | 0.5 | 0.5 | (1.0) |

relative Inform. Technology (IT)

| | | | | |
|----------|------|------|------|-------|
| olvi3* | 0.75 | 0.25 | 0.25 | (1.0) |
| olvi2* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi0* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-2* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-3* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-4* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-5* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-6* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-7* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-8* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-9* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-10* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-11* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-12* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-13* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-14* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-15* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-16* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-17* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-18* | 0.0 | 0.25 | 0.25 | (1.0) |
| olvi-19* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-20* | 0.0 | 0.25 | 0.25 | (1.0) |

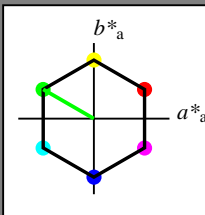
relative Inform. Technology (IT)

| | | | | |
|----------|------|------|------|-------|
| olvi3* | 0.75 | 0.0 | 0.0 | (1.0) |
| olvi2* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi0* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-1* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-2* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-3* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-4* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-5* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-6* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-7* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-8* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-9* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-10* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-11* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-12* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-13* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-14* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-15* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-16* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-17* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-18* | 0.0 | 0.0 | 0.0 | (1.0) |
| olvi-19* | 1.0 | 0.75 | 0.75 | (1.0) |
| olvi-20* | | | | |

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 150/360 = 0.417$
 lab^*ch and lab^*nch

D65: hue L
 LCH*Ma: 57 77 150
 olv*Ma: 0.0 1.0 0.0
 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)
 $obv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 0.0 0.0 (0.0)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 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 0.0 0.0 -
 lab*nch 0.0 0.0 -
 relative Natural Colour (NC)
 lab*trj 1.0 0.0 0.0
 lab*trc 1.0 0.0 0.0
 lab*trc 0.0 0.0 -

relative Inform. Technology (IT)
 $obv^{i*} = 0.75$ 0.75 0.75 (1.0)
 $cmv^{n*} = 0.25$ 0.25 0.25 (0.0)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 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*TCHa 75.00 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*trj 0.75 0.0 0.0
 lab*trc 0.75 0.0 0.0
 lab*trc 0.25 0.0 -

relative Inform. Technology (IT)
 $obv^{i*} = 0.5$ 0.5 0.5 (0.0)
 $cmv^{n*} = 0.5$ 0.5 0.5 (0.0)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 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*TCHa 50.00 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*trj 0.5 0.0 0.0
 lab*trc 0.5 0.0 0.0
 lab*trc 0.3 0.0 -

relative Inform. Technology (IT)
 $obv^{i*} = 0.25$ 0.25 0.25 (1.0)
 $cmv^{n*} = 0.75$ 0.75 0.75 (0.0)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 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*TCHa 25.00 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*trj 0.25 0.0 0.0
 lab*trc 0.25 0.0 0.0
 lab*trc 0.125 0.0 -

relative Inform. Technology (IT)
 $obv^{i*} = 0.0$ 0.0 0.0 (1.0)
 $cmv^{n*} = 1.0$ 1.0 1.0 (0.0)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*TCHa 0.00 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*trj 0.0 0.0 0.0
 lab*trc 0.0 0.0 0.0
 lab*trc 1.0 0.0 -

relative Inform. Technology (IT)
 $obv^{i*} = 0.0$ 0.0 0.0 (1.0)
 $cmv^{n*} = 1.0$ 1.0 1.0 (0.0)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 0.00 0.0 0.0
 LAB*LABa 0.00 0.0 0.0
 LAB*TCHa 0.00 0.01

relative Inform. Technology (IT)
 $obv^{i*} = 0.75$ 1.0 0.75 (1.0)
 $cmv^{n*} = 0.25$ 0.0 0.25 (0.0)
 $olv^{i*} = 0.75$ 1.0 0.75 (1.0)
 $cmv^{n*} = 0.25$ 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 85.73 -16.74 9.67
 LAB*LABa 85.73 -16.74 9.67
 LAB*TCHa 87.5 19.34 150.0

relative CIELAB lab*
 lab*lab 0.875 -0.24 0.068
 lab*ch 0.875 0.25 0.417
 lab*nch 0.0 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.875 -0.24 0.068
 lab*trc 0.875 0.25 0.456
 lab*trc 0.0 0.25 0.826

relative Inform. Technology (IT)
 $obv^{i*} = 0.5$ 0.75 0.5 (1.0)
 $cmv^{n*} = 0.5$ 0.25 0.5 (0.0)
 $olv^{i*} = 0.75$ 1.0 0.75 (1.0)
 $cmv^{n*} = 0.25$ 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.39 -16.75 9.68
 LAB*LABa 66.39 -16.75 9.68
 LAB*TCHa 62.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.625 -0.216 0.125
 lab*ch 0.625 0.25 0.417
 lab*nch 0.25 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.625 -0.216 0.068
 lab*trc 0.625 0.25 0.456
 lab*trc 0.25 0.25 0.826

relative Inform. Technology (IT)
 $obv^{i*} = 0.25$ 0.5 0.25 (1.0)
 $cmv^{n*} = 0.75$ 0.25 0.75 (0.0)
 $olv^{i*} = 0.5$ 1.0 0.5 0.75
 $cmv^{n*} = 0.5$ 0.0 0.5 0.25
 standard and adapted CIELAB
 LAB*LAB 47.04 -16.75 9.68
 LAB*LABa 47.04 -16.75 9.68
 LAB*TCHa 37.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.375 -0.216 0.125
 lab*ch 0.375 0.25 0.417
 lab*nch 0.125 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.375 -0.216 0.068
 lab*trc 0.375 0.25 0.456
 lab*trc 0.125 0.25 0.826

relative Inform. Technology (IT)
 $obv^{i*} = 0.0$ 0.5 0.0 (1.0)
 $cmv^{n*} = 1.0$ 0.5 1.0 (0.0)
 $olv^{i*} = 0.5$ 1.0 0.5 0.75
 $cmv^{n*} = 0.5$ 0.0 0.5 0.25
 standard and adapted CIELAB
 LAB*LAB 27.36 -35.19 35.13
 LAB*LABa 27.36 -35.19 35.13
 LAB*TCHa 25.01 38.69 150.0

relative CIELAB lab*
 lab*lab 0.25 -0.432 0.25
 lab*ch 0.25 0.5 0.417
 lab*nch 0.0 0.5 0.417
 relative Natural Colour (NC)
 lab*trj 0.25 -0.432 0.136
 lab*trc 0.25 0.5 0.456
 lab*trc 0.0 0.5 0.826

relative Inform. Technology (IT)
 $obv^{i*} = 0.0$ 0.0 0.0 (1.0)
 $cmv^{n*} = 1.0$ 0.0 1.0 (0.0)
 $olv^{i*} = 0.0$ 1.0 0.0 (1.0)
 $cmv^{n*} = 0.0$ 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 0.00 0.0 0.0
 LAB*LABa 0.00 0.0 0.0
 LAB*TCHa 0.00 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*trj 0.0 0.0 0.0
 lab*trc 0.0 0.0 0.0
 lab*trc 1.0 0.0 -

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

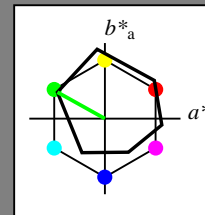
$n^* = 1.00$

$n^* = 1.00$

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 151/360 = 0.419$
 lab^*ch and lab^*nch

D65: hue L
 LCH*Ma: 51 72 151
 olv*Ma: 0.0 1.0 0.0
 triangle lightness t^*



ORS18; adapted (a) CIELAB data

| | $L^* = L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|---------------|---------|---------|--------------|--------------|
| OMa | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| YMa | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| LMa | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| CMa | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| VMa | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| MMa | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| JCIE | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

%Regularity

$g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

relative Inform. Technology (IT)
 $obv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 0.0 0.0 (0.0)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 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 0.0 0.0 -
 lab*nch 0.0 0.0 -
 relative Natural Colour (NC)
 lab*trj 1.0 0.0 0.0
 lab*trc 1.0 0.0 0.0
 lab*trc 0.0 0.0 -

relative Inform. Technology (IT)
 $obv^{i*} = 0.75$ 0.75 0.75 (1.0)
 $cmv^{n*} = 0.25$ 0.0 0.25 (0.0)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 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 75.00 0.01

relative CIELAB lab*
 lab*lab 0.856 -0.238 0.072
 lab*ch 0.856 0.25 0.453
 lab*nch 0.0 0.25 0.453
 relative Natural Colour (NC)
 lab*trj 0.856 -0.238 0.072
 lab*trc 0.856 0.25 0.453
 lab*trc 0.0 0.25 0.816

relative Inform. Technology (IT)
 $obv^{i*} = 0.5$ 0.5 0.5 (0.0)
 $cmv^{n*} = 0.5$ 0.25 0.5 (0.0)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $cmv^{n*} = 0.0$ 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -67.01 38.69
 LAB*LABa 56.71 -67.01 38.69
 LAB*TCHa 50.00 0.01

relative CIELAB lab*
 lab*lab 0.5 -0.865 0.5
 lab*ch 0.5 1.0 0.417
 lab*nch 0.0 1.0 0.417
 relative Natural Colour (NC)
 lab*trj 0.5 -0.865 0.271
 lab*trc 0.5 1.0 0.826
 lab*trc 0.0 1.0 0.826

relative Inform. Technology (IT)
 $obv^{i*} = 0.25$ 0.25 0.25 (1.0)
 $cmv^{n*} = 0.75$ 0.25 0.75 (0.0)
 $olv^{i*} = 0.5$ 1.0 0.5 0.75
 $cmv^{n*} = 0.5$ 0.0 0.5 0.25
 standard and adapted CIELAB
 LAB*LAB 37.36 -35.19 35.13
 LAB*LABa 37.36 -35.19 35.13
 LAB*TCHa 25.00 0.01

relative CIELAB lab*
 lab*lab 0.375 -0.865 0.375
 lab*ch 0.375 0.5 0.417
 lab*nch 0.0 0.5 0.417
 relative Natural Colour (NC)
 lab*trj 0.375 -0.865 0.203
 lab*trc 0.375 0.5 0.826
 lab*trc 0.0 0.5 0.826

relative Inform. Technology (IT)
 $obv^{i*} = 0.0$ 0.5 0.0 (1.0)
 $cmv^{n*} = 1.0$ 0.5 1.0 (0.0)
 $olv^{i*} = 0.5$ 1.0 0.5 0.75
 $cmv^{n*} = 0.5$ 0.0 0.5 0.25
 standard and adapted CIELAB
 LAB*LAB 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*TCHa 0.00 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*trj 0.0 0.0 0.0
 lab*trc 0.0 0.0 0.0
 lab*trc 1.0 0.0 -

relative Inform. Technology (IT)
 $obv^{i*} = 0.75$ 1.0 0.75 (1.0)
 $cmv^{n*} = 0.25$ 0.0 0.25 (0.0)
 $olv^{i*} = 0.75$ 1.0 0.75 (1.0)
 $cmv^{n*} = 0.25$ 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 84.28 -16.47 12.74
 LAB*LABa 84.28 -16.47 12.74
 LAB*TCHa 87.5 17.97 150.91

relative CIELAB lab*
 lab*lab 0.875 0.25 0.0
 lab*ch 0.875 0.25 0.419
 lab*nch 0.0 0.25 0.419
 relative Natural Colour (NC)
 lab*trj 0.875 0.25 0.072
 lab*trc 0.875 0.25 0.453
 lab*trc 0.0 0.25 0.816

relative Inform. Technology (IT)
 $obv^{i*} = 0.5$ 0.75 0.5 (1.0)
 $cmv^{n*} = 0.5$ 0.25 0.5 (0.0)
 $olv^{i*} = 0.75$ 1.0 0.75 0.75
 $cmv^{n*} = 0.5$ 0.0 0.5 0.25
 standard and adapted CIELAB
 LAB*LAB 64.93 -16.11 11.44
 LAB*LABa 64.93 -16.11 11.44
 LAB*TCHa 62.5 17.98 150.91

relative CIELAB lab*
 lab*lab 0.625 -0.217 0.121
 lab*ch 0.625 0.25 0.419
 lab*nch 0.25 0.25 0.419
 relative Natural Colour (NC)
 lab*trj 0.625 -0.217 0.121
 lab*trc 0.625 0.25 0.453
 lab*trc 0.25 0.25 0.816

relative Inform. Technology (IT)
 $obv^{i*} = 0.25$ 0.5 0.25 (1.0)
 $cmv^{n*} = 0.75$ 0.25 0.75 (0.0)
 $olv^{i*} = 0.5$ 1.0 0.5 0.75
 $cmv^{n*} = 0.5$ 0.0 0.5 0.25
 standard and adapted CIELAB
 LAB*LAB 33.81 -31.41 17.48
 LAB*LABa 33.81 -31.41 17.48
 LAB*TCHa 30.00 35.95 150.91

relative CIELAB lab*
 lab*lab 0.375 -0.436 0.243
 lab*ch 0.375 0.5 0.419
 lab*nch 0.0 0.5 0.419
 relative Natural Colour (NC)
 lab*trj 0.375 -0.436 0.144
 lab*trc 0.375 0.5 0.453
 lab*trc 0.0 0.5 0.816

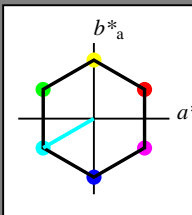
relative Inform. Technology (IT)
 $obv^{i*} = 0.0$ 0.5 0.0 (1.0)
 cmv^{n*}

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)
 olv4* 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*TCHa 99.99 0.01

relative Inform. Technology (IT)
 ohv3* 0.75 1.0 1.0 (1.0)
 cmv3* 0.25 0.0 0.0 (0.0)
 olv4* 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*TCHa 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)
 olv4* 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*TCHa 75.0 38.69 210.0

relative Inform. Technology (IT)
 ohv3* 0.25 1.0 1.0 (1.0)
 cmv3* 0.25 0.0 0.0 (0.0)
 olv4* 0.25 1.0 1.0 (1.0)
 cmv4* 0.25 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*TCHa 62.5 58.04 210.0

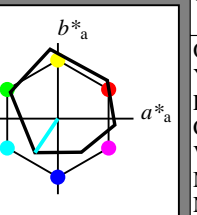
relative Inform. Technology (IT)
 ohv3* 0.0 1.0 1.0 (1.0)
 cmv3* 1.0 0.0 0.0 (0.0)
 olv4* 0.0 1.0 1.0 (1.0)
 cmv4* 1.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -67.01 -38.68
 LAB*LABa 56.71 -67.01 -38.68
 LAB*TCHa 50.0 77.38 210.0

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 236/360 = 0.656$

lab^*ch and lab^*nch

D65: hue C
 LCH*Ma: 59 54 236
 olv*Ma: 0.0 1.0 1.0
 triangle lightness t^*



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 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

%Regularity

$g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

relative Inform. Technology (IT)
 ohv3* 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)
 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 Inform. Technology (IT)
 ohv3* 0.75 1.0 1.0 (1.0)
 cmv3* 0.25 0.0 0.0 (0.0)
 olv4* 0.75 1.0 1.0 (1.0)
 cmv4* 0.25 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 86.21 -8.39 -7.1
 LAB*LABa 86.21 -8.39 -7.1
 LAB*TCHa 87.5 13.57 236.02

relative Inform. Technology (IT)
 ohv3* 0.5 1.0 1.0 (1.0)
 cmv3* 0.5 0.0 0.0 (0.0)
 olv4* 0.5 1.0 1.0 (1.0)
 cmv4* 0.5 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 77.01 -15.8 -18.98
 LAB*LABa 77.01 -15.16 -22.5
 LAB*TCHa 75.0 27.14 236.02

relative Inform. Technology (IT)
 ohv3* 0.25 1.0 1.0 (1.0)
 cmv3* 0.25 0.0 0.0 (0.0)
 olv4* 0.25 1.0 1.0 (1.0)
 cmv4* 0.25 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*TCHa 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)
 olv4* 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 -30.33 -45.01
 LAB*LABa 58.62 -30.33 -45.01
 LAB*TCHa 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)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 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*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmv3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.39 -16.75 -9.67
 LAB*LABa 66.39 -16.75 -9.67
 LAB*TCHa 62.5 19.35 210.0

relative Inform. Technology (IT)
 ohv3* 0.5 0.75 0.75 (1.0)
 cmv3* 0.5 0.25 0.25 (0.0)
 olv4* 0.75 1.0 1.0 (1.0)
 cmv4* 0.5 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -33.5 -19.34
 LAB*LABa 56.71 -33.5 -19.34
 LAB*TCHa 50.0 38.7 210.0

relative Inform. Technology (IT)
 ohv3* 0.25 0.75 0.75 (1.0)
 cmv3* 0.25 0.25 0.25 (0.0)
 olv4* 0.25 1.0 1.0 (1.0)
 cmv4* 0.25 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.04 -50.26 -29.01
 LAB*LABa 47.04 -50.26 -29.01
 LAB*TCHa 42.5 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)
 olv4* 0.0 1.0 1.0 (1.0)
 cmv4* 1.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.51 -58.04 210.0
 LAB*LABa 37.51 -58.04 210.0
 LAB*TCHa 37.51 58.04 210.0

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (0.0)
 cmv3* 1.0 1.0 1.0 (1.0)
 olv4* 0.5 0.5 0.5 (0.0)
 cmv4* 0.5 0.5 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.86 -8.02 -8.42
 LAB*LABa 66.86 -8.02 -8.42
 LAB*TCHa 62.5 13.57 236.02

relative Inform. Technology (IT)
 ohv3* 0.5 0.75 0.75 (1.0)
 cmv3* 0.5 0.25 0.25 (0.0)
 olv4* 0.75 1.0 1.0 (1.0)
 cmv4* 0.5 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 57.67 -15.43 -20.29
 LAB*LABa 57.67 -15.16 -22.5
 LAB*TCHa 50.0 27.15 236.02

relative Inform. Technology (IT)
 ohv3* 0.25 0.75 0.75 (1.0)
 cmv3* 0.25 0.25 0.25 (0.0)
 olv4* 0.25 1.0 1.0 (1.0)
 cmv4* 0.25 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 48.41 -23.83 -32.17
 LAB*LABa 48.41 -23.83 -32.17
 LAB*TCHa 42.5 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)
 olv4* 0.0 1.0 1.0 (1.0)
 cmv4* 1.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 48.41 -23.83 -32.17
 LAB*LABa 48.41 -23.83 -32.17
 LAB*TCHa 42.5 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)
 olv4* 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 -30.33 -45.01
 LAB*LABa 58.62 -30.33 -45.01
 LAB*TCHa 50.0 54.29 236.02

relative Inform. Technology (IT)
 ohv3* 0.75 0.5 0.5 (0.0)
 cmv3* 0.5 0.5 0.5 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 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*TCHa 50.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.75 0.5 0.5 (0.0)
 cmv3* 0.5 0.5 0.5 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.04 -16.75 -9.67
 LAB*LABa 47.04 -16.75 -9.67
 LAB*TCHa 42.5 19.35 210.0

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (0.0)
 cmv3* 1.0 0.5 0.5 (0.0)
 olv4* 0.5 1.0 1.0 (1.0)
 cmv4* 0.5 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.51 -33.5 -19.34
 LAB*LABa 37.51 -33.5 -19.34
 LAB*TCHa 37.51 38.7 210.0

relative Inform. Technology (IT)
 ohv3* 0.25 0.5 0.5 (0.0)
 cmv3* 0.25 0.25 0.25 (0.0)
 olv4* 0.25 1.0 1.0 (1.0)
 cmv4* 0.25 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 27.69 -50.26 -29.01
 LAB*LABa 27.69 -50.26 -29.01
 LAB*TCHa 27.69 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)
 olv4* 0.0 1.0 1.0 (1.0)
 cmv4* 1.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.01 0.0 0.0
 LAB*LABa 18.01 0.0 0.0
 LAB*TCHa 18.01 0.01

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (0.0)
 cmv3* 1.0 1.0 1.0 (1.0)
 olv4* 0.5 0.5 0.5 (0.0)
 cmv4* 0.5 0.5 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 -33.5 -19.34
 LAB*LABa 76.06 -33.5 -19.34
 LAB*TCHa 75.0 38.69 210.0

relative Inform. Technology (IT)
 ohv3* 0.5 0.75 1.0 (1.0)
 cmv3* 0.5 0.25 0.25 (0.0)
 olv4* 0.75 1.0 1.0 (1.0)
 cmv4* 0.5 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.86 -8.02 -8.42
 LAB*LABa 66.86 -8.02 -8.42
 LAB*TCHa 62.5 13.57 236.02

relative Inform. Technology (IT)
 ohv3* 0.25 0.75 1.0 (1.0)
 cmv3* 0.25 0.25 0.25 (0.0)
 olv4* 0.25 1.0 1.0 (1.0)
 cmv4* 0.25 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 57.67 -15.43 -20.29
 LAB*LABa 57.67 -15.16 -22.5
 LAB*TCHa 50.0 27.15 236.02

relative Inform. Technology (IT)
 ohv3* 0.0 1.0 1.0 (1.0)
 cmv3* 1.0 0.0 0.0 (0.0)
 olv4* 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 -30.33 -45.01
 LAB*LABa 58.62 -30.33 -45.01
 LAB*TCHa 50.0 54.29 236.02

relative Inform. Technology (IT)
 ohv3* 0.0 1.0 1.0 (1.0)
 cmv3* 1.0 0.0 0.0 (0.0)
 olv4* 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 -30.33 -45.01
 LAB*LABa 58.62 -30.33 -45.01
 LAB*TCHa 50.0 54.29 236.02

relative Inform. Technology (IT)
 ohv3* 0.75 0.25 0.25 (1.0)
 cmv3* 0.75 0.25 0.25 (1.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.51 0.0 0.0
 LAB*LABa 37.51 0.0 0.0
 LAB*TCHa 25.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.75 0.25 0.25 (1.0)
 cmv3* 0.75 0.25 0.25 (1.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 27.69 -16.75 -9.67
 LAB*LABa 27.69 -16.75 -9.67
 LAB*TCHa 27.69 19.34 210.0

relative Inform. Technology (IT)
 ohv3* 0.5 0.25 0.25 (0.0)
 cmv3* 1.0 0.25 0.25 (0.0)
 olv4* 0.5 1.0 1.0 (1.0)
 cmv4* 0.5 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.01 0.0 0.0
 LAB*LABa 18.01 0.0 0.0
 LAB*TCHa 18.01 0.01

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (0.0)
 cmv3* 1.0 0.25 0.25 (0.0)
 olv4* 0.25 1.0 1.0 (1.0)
 cmv4* 0.25 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 9.01 0.0 0.0
 LAB*LABa 9.01 0.0 0.0
 LAB*TCHa 9.01 0.01

relative Inform. Technology (IT)
 ohv3* 0.0 1.0 1.0 (1.0)
 cmv3* 1.0 0.0 0.0 (0.0)
 olv4* 0.0 1.0 1.0 (1.0)
 cmv4* 1.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 0.0 0.0 0.0
 LAB*LABa 0.0 0.0 0.0
 LAB*TCHa 0.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (0.0)
 cmv3* 1.0 1.0 1.0 (1.0)
 olv4* 0.5 0.5 0.5 (0.0)
 cmv4* 0.5 0.5 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 -33.5 -19.34
 LAB*LABa 76.06 -33.5 -19.34
 LAB*TCHa 75.0 38.69 210.0

relative Inform. Technology (IT)
 ohv3* 0.5 0.75 0.75 (1.0)
 cmv3* 0.5 0.25 0.25 (0.0)
 olv4* 0.75 1.0 1.0 (1.0)
 cmv4* 0.5 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.86 -8.02 -8.42
 LAB*LABa 66.86 -8.02 -8.42
 LAB*TCHa 62.5 13.57 236.02

relative Inform. Technology (IT)
 ohv3* 0.25 0.75 0.75 (1.0)
 cmv3* 0.25 0.25 0.25 (0.0)
 olv4* 0.25 1.0 1.0 (1.0)
 cmv4* 0.25 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 57.67 -15.43 -20.29
 LAB*LABa 57.67 -15.16 -22.5
 LAB*TCHa 50.0 27.15 236.02

relative Inform. Technology (IT)
 ohv3* 0.0 1.0 1.0 (1.0)
 cmv3* 1.0 0.0 0.0 (0.0)
 olv4* 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 -30.33 -45.01
 LAB*LABa 58.62 -30.33 -45.01
 LAB*TCHa 50.0 54.29 236.02

relative Inform. Technology (IT)
 ohv3* 0.0 1.0 1.0 (1.0)
 cmv3* 1.0 0.0 0.0 (0.0)
 olv4* 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 -30.33 -45.01
 LAB*LABa 58.62 -30.33 -45.01
 LAB*TCHa 50.0 54.29 236.02

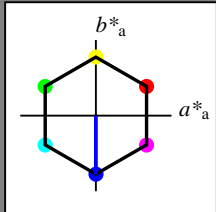
relative Inform. Technology (IT)
 ohv3* 0.75 0.0 0.0 (1.0)
 cmv3* 1.0 1.0 1.0 (1.0)
 olv4* 0.75 0.0 0.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*TCHa 18.01 0.01

relative Inform. Technology (IT)
 ohv3* 0.75 0.0 0.0 (1.0)
 cmv3* 1.0 1.0 1.0 (1.0)
 olv4* 0.75 0.0 0.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 9.01 0.0 0.0
 LAB*LABa 9.01 0.0 0.0

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 270/360 = 0.75$
 lab^*ch and lab^*nh

D65: hue V
 LCH*Ma: 57 77 270
 olv*Ma: 0.0 0.0 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 |
| 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 |

relative Inform. Technology (IT)
 ohv3* 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)
 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 Inform. Technology (IT)
 ohv3* 0.75 0.75 1.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 87.5 19.34 270.0

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 1.0 (1.0)
 cmv3* 0.5 0.5 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 0.0 -38.68
 LAB*LABa 76.06 0.0 -38.68
 LAB*TCHa 75.0 38.69 270.0

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 1.0 (1.0)
 cmv3* 0.75 0.75 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 0.0 -58.03
 LAB*LABa 66.38 0.0 -58.03
 LAB*TCHa 62.5 58.04 270.0

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 1.0 (1.0)
 cmv3* 1.0 1.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 0.0 -77.37
 LAB*LABa 56.71 0.0 -77.37
 LAB*TCHa 50.0 77.38 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmv3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.75 (1.0)
 cmv3* 0.5 0.5 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.39 0.0 -19.34
 LAB*LABa 66.39 0.0 -19.34
 LAB*TCHa 62.5 19.35 270.0

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.75 (1.0)
 cmv3* 0.75 0.75 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 0.0 -38.69
 LAB*LABa 56.71 0.0 -38.69
 LAB*TCHa 50.0 38.7 270.0

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.75 (1.0)
 cmv3* 1.0 1.0 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.04 0.0 -58.03
 LAB*LABa 47.04 0.0 -58.03
 LAB*TCHa 37.5 58.04 270.0

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 1.0 1.0 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 0.0 -77.37
 LAB*LABa 56.71 0.0 -77.37
 LAB*TCHa 50.0 77.38 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.0 (1.0)
 cmv3* 0.5 0.5 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 0.0 -38.68
 LAB*LABa 76.06 0.0 -38.68
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.0 (1.0)
 cmv3* 0.75 0.75 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 0.0 -58.03
 LAB*LABa 66.38 0.0 -58.03
 LAB*TCHa 62.5 58.04 270.0

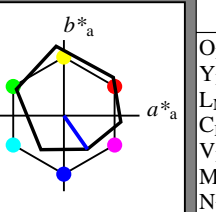
relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 1.0 1.0 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 0.0 -77.37
 LAB*LABa 56.71 0.0 -77.37
 LAB*TCHa 50.0 77.38 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 75.0 0.01

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 305/360 = 0.847$
 lab^*ch and lab^*nh

D65: hue V
 LCH*Ma: 26 54 305
 olv*Ma: 0.0 0.0 1.0
 triangle lightness t^*



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 |
| RC _{IE} | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _{CIE} | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

relative Inform. Technology (IT)
 ohv3* 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)
 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 Inform. Technology (IT)
 ohv3* 0.75 0.75 1.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 77.99 7.12 -7.51
 LAB*LABa 77.99 7.12 -7.51
 LAB*TCHa 87.5 13.55 305.0

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 1.0 (1.0)
 cmv3* 0.5 0.5 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 0.0 -38.68
 LAB*LABa 76.06 0.0 -38.68
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 1.0 (1.0)
 cmv3* 0.75 0.75 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 0.0 -58.03
 LAB*LABa 66.38 0.0 -58.03
 LAB*TCHa 62.5 58.04 270.0

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 1.0 (1.0)
 cmv3* 1.0 1.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 0.0 -77.37
 LAB*LABa 56.71 0.0 -77.37
 LAB*TCHa 50.0 77.38 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.143 (-0.204)
 cmv3* 0.25 0.25 0.847
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 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 Inform. Technology (IT)
 ohv3* 0.5 0.5 0.143 (-0.204)
 cmv3* 0.5 0.5 0.847
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 60.56 15.23 -19.79
 LAB*LABa 60.56 15.23 -19.79
 LAB*TCHa 75.0 27.1 305.0

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.143 (-0.204)
 cmv3* 0.75 0.75 0.847
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 43.14 23.34 -32.07
 LAB*LABa 43.14 23.34 -32.07
 LAB*TCHa 62.5 40.66 305.0

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 1.0 1.0 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 0.0 -77.37
 LAB*LABa 56.71 0.0 -77.37
 LAB*TCHa 50.0 77.38 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.0 (1.0)
 cmv3* 0.5 0.5 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 0.0 -38.68
 LAB*LABa 76.06 0.0 -38.68
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.0 (1.0)
 cmv3* 0.75 0.75 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 0.0 -58.03
 LAB*LABa 66.38 0.0 -58.03
 LAB*TCHa 62.5 58.04 270.0

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 1.0 1.0 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 0.0 -77.37
 LAB*LABa 56.71 0.0 -77.37
 LAB*TCHa 50.0 77.38 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.0 (1.0)
 cmv3* 0.5 0.5 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 0.0 -38.68
 LAB*LABa 76.06 0.0 -38.68
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.0 (1.0)
 cmv3* 0.75 0.75 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 0.0 -58.03
 LAB*LABa 66.38 0.0 -58.03
 LAB*TCHa 62.5 58.04 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.0 (1.0)
 cmv3* 0.5 0.5 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 0.0 -38.68
 LAB*LABa 76.06 0.0 -38.68
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.0 (1.0)
 cmv3* 0.75 0.75 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 0.0 -58.03
 LAB*LABa 66.38 0.0 -58.03
 LAB*TCHa 62.5 58.04 270.0

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 1.0 1.0 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 0.0 -77.37
 LAB*LABa 56.71 0.0 -77.37
 LAB*TCHa 50.0 77.38 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.0 (1.0)
 cmv3* 0.5 0.5 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 0.0 -38.68
 LAB*LABa 76.06 0.0 -38.68
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.0 (1.0)
 cmv3* 0.75 0.75 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 0.0 -58.03
 LAB*LABa 66.38 0.0 -58.03
 LAB*TCHa 62.5 58.04 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.0 (1.0)
 cmv3* 0.5 0.5 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 0.0 -38.68
 LAB*LABa 76.06 0.0 -38.68
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.0 (1.0)
 cmv3* 0.75 0.75 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 0.0 -58.03
 LAB*LABa 66.38 0.0 -58.03
 LAB*TCHa 62.5 58.04 270.0

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 1.0 1.0 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 0.0 -77.37
 LAB*LABa 56.71 0.0 -77.37
 LAB*TCHa 50.0 77.38 270.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.0 (1.0)
 cmv3* 0.25 0.25 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.07 0.0 -19.33
 LAB*LABa 85.73 0.0 -19.33
 LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
 ohv3* 0.5

Input: Colorimetric Standard Reflective System SRS18

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

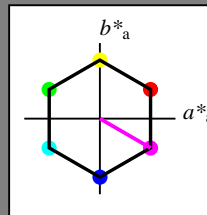
lab^*ch and lab^*nch

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)

| | | | | |
|-------|-----|-----|-----|-------|
| 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 |
| LAB*LABa | 95.41 | 0.0 | 0.0 |
| LAB*LABc | 99.99 | 0.01 | 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* | 1.0 | 0.75 | 1.0 | (1.0) |
| cmv3* | 0.0 | 0.25 | 0.0 | (0.0) |
| olv3* | 1.0 | 0.75 | 1.0 | (1.0) |
| cmv3* | 0.0 | 0.25 | 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 | 75.00 | 0.01 | 0.0 |

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*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* | 0.75 | 0.75 | 0.75 | (1.0) |
| cmv3* | 0.25 | 0.25 | 0.25 | (0.0) |
| olv3* | 1.0 | 1.0 | 1.0 | (0.5) |
| cmv3* | 0.0 | 0.0 | 0.0 | (0.25) |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 56.71 | 0.0 | 0.0 |
| LAB*LABa | 56.71 | 0.0 | 0.0 |
| LAB*LABc | 55.00 | 0.01 | 0.0 |

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*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* | 0.75 | 0.5 | 0.75 | (1.0) |
| cmv3* | 0.25 | 0.25 | 0.25 | (0.0) |
| olv3* | 1.0 | 0.75 | 1.0 | (0.75) |
| cmv3* | 0.0 | 0.25 | 0.0 | (0.25) |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 46.39 | 16.76 | -9.67 |
| LAB*LABa | 46.39 | 16.76 | -9.67 |
| LAB*LABc | 45.00 | 16.25 | 0.01 |

relative CIELAB lab*

| | | | |
|---------|-------|------|--------|
| lab*lab | 0.625 | 0.18 | -0.172 |
| lab*ch | 0.625 | 0.18 | -0.172 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|--------|-------|------|--------|
| lab*lj | 0.625 | 0.18 | -0.172 |
| lab*lc | 0.625 | 0.18 | -0.172 |
| lab*nc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|--------|
| ohv3* | 0.75 | 0.25 | 0.75 | (1.0) |
| cmv3* | 0.25 | 0.75 | 0.25 | (0.0) |
| olv3* | 1.0 | 0.5 | 1.0 | (0.5) |
| cmv3* | 0.0 | 0.25 | 0.0 | (0.25) |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|-------|
| LAB*LAB | 33.52 | -19.34 | 33.52 |
| LAB*LABa | 33.52 | -19.34 | 33.52 |
| LAB*LABc | 30.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|--------|
| lab*lab | 0.625 | 0.433 | -0.249 |
| lab*ch | 0.625 | 0.433 | -0.249 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|--------|-------|-------|--------|
| lab*lj | 0.625 | 0.433 | -0.249 |
| lab*lc | 0.625 | 0.433 | -0.249 |
| lab*nc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|--------|
| ohv3* | 0.75 | 0.0 | 0.75 | (1.0) |
| cmv3* | 0.25 | 0.75 | 0.25 | (0.0) |
| olv3* | 1.0 | 0.5 | 1.0 | (0.75) |
| cmv3* | 0.0 | 0.25 | 0.0 | (0.25) |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 27.69 | 16.75 | -9.67 |
| LAB*LABa | 27.69 | 16.75 | -9.67 |
| LAB*LABc | 25.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|--------|
| lab*lab | 0.375 | 0.125 | -0.124 |
| lab*ch | 0.375 | 0.125 | -0.124 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|--------|-------|-------|--------|
| lab*lj | 0.375 | 0.125 | -0.124 |
| lab*lc | 0.375 | 0.125 | -0.124 |
| lab*nc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|--------|
| ohv3* | 0.75 | 0.0 | 0.5 | (1.0) |
| cmv3* | 0.25 | 0.75 | 0.25 | (0.0) |
| olv3* | 1.0 | 0.5 | 1.0 | (0.75) |
| cmv3* | 0.0 | 0.25 | 0.0 | (0.25) |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|-------|
| LAB*LAB | 18.03 | 18.03 | 0.0 |
| LAB*LABa | 18.03 | 18.03 | 0.0 |
| LAB*LABc | 15.00 | 38.7 | 33.00 |

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*lj | 0.25 | 0.0 | 0.0 |
| lab*lc | 0.25 | 0.0 | 0.0 |
| lab*nc | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-------|------|------|------|--------|
| ohv3* | 0.75 | 0.0 | 0.25 | (1.0) |
| cmv3* | 0.25 | 0.75 | 0.25 | (0.0) |
| olv3* | 1.0 | 0.5 | 1.0 | (0.75) |
| cmv3* | 0.0 | 0.25 | 0.0 | (0.25) |

standard and adapted CIELAB

| | | | |
|----------|------|-------|--------|
| LAB*LAB | 7.36 | 32.15 | -19.34 |
| LAB*LABa | 7.36 | 32.15 | -19.34 |
| LAB*LABc | 5.00 | 38.7 | 33.00 |

relative CIELAB lab*

| | | | |
|---------|-------|-------|--------|
| lab*lab | 0.125 | 0.033 | -0.249 |
| lab*ch | 0.125 | 0.033 | -0.249 |
| lab*nch | 0.25 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|--------|-------|-------|--------|
| lab*lj | 0.125 | 0.033 | -0.249 |
| lab*lc | 0.125 | 0.033 | -0.249 |
| lab*nc | 0.25 | 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 | 18.03 | 0.0 |
| LAB*LABa | 18.03 | 18.03 | 0.0 |
| LAB*LABc | 0.00 | 38.7 | 33.00 |

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 | 18.03 | 0.0 |
| LAB*LABa | 18.03 | 18.03 | 0.0 |
| LAB*LABc | 0.00 | 38.7 | 33.00 |

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 | 18.03 | 0.0 |
| LAB*LABa | 18.03 | 18.03 | 0.0 |
| LAB*LABc | 0.00 | 38.7 | 33.00 |

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 |

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

Output: Colorimetric Offset Reflective System ORS18

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

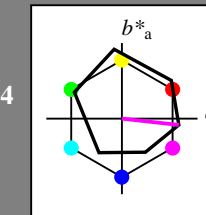
lab^*ch and lab^*nch

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 | 67.76 | 67.79 | 92 |
| GCIE | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| BCIE | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

%Regularity

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

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

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 |
| LAB*LABa | 95.41 | 0.0 | 0.0 |
| LAB*LABc | 99.99 | 0.01 | 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* | 1.0 | 0.75 | 1.0 | (1.0) |
| cmv3* | 0.0 | 0.25 | 0.0 | (0.0) |
| olv3* | 1.0 | 0.75 | 1.0 | (1.0) |
| cmv3* | 0.0 | 0.25 | 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*LABc | 75.00 | 0.01 | 0.0 |

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*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* | 0.75 | 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 | 0.25 | 0.0 | (0.25) |

standard and adapted CIELAB

| | | | |
|------------|-------|-----|-----|
| LAB*LAB | 56.71 | 0.0 | 0.0 |
| LAB*LABa | 56.71 | 0.0 | 0.0 |
| LAB*LABc</ | | | |

Input: Colorimetric Standard Reflective System SRS18

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

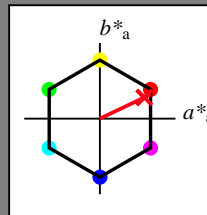
lab^*ch and lab^*nch

D65: hue R

LCH*Ma: 57 74 25

olv*Ma: 1.0 0.0 0.09

triangle lightness t^*



%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 | - | - |

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*ljr | 1.0 | 0.0 | 0.0 | - |
| lab*lce | 1.0 | 0.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 1.0 | 0.75 | 0.75 | (1.0) |
| cmyn3* | 0.0 | 0.25 | 0.25 | (0.0) |
| olvi4* | 1.0 | 0.75 | 0.75 | 1.0 |
| cmyn4* | 0.0 | 0.25 | 0.25 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 85.73 | 16.75 | 7.98 |
| LAB*LAB | 85.73 | 16.75 | 7.98 | - |
| LAB*TCa | 87.5 | 18.56 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|-------|------|-------|---|
| lab*lab | 0.875 | 0.25 | 0.071 | - |
| lab*ch | 0.875 | 0.25 | 0.071 | - |
| lab*nch | 0.0 | 0.25 | 0.071 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-------|------|-------|---|
| lab*ljr | 0.875 | 0.25 | 0.0 | - |
| lab*lce | 0.875 | 0.25 | 0.0 | - |
| lab*nce | 0.0 | 0.25 | 0.071 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 1.0 | 0.5 | 0.544 | (1.0) |
| cmyn3* | 0.0 | 0.5 | 0.544 | (0.0) |
| olvi4* | 1.0 | 0.5 | 0.544 | 1.0 |
| cmyn4* | 0.0 | 0.5 | 0.544 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 76.06 | 33.51 | 15.97 |
| LAB*LAB | 76.06 | 33.51 | 15.97 | - |
| LAB*TCa | 75.0 | 37.12 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|------|-------|-------|---|
| lab*lab | 0.75 | 0.451 | 0.215 | - |
| lab*ch | 0.75 | 0.451 | 0.215 | - |
| lab*nch | 0.0 | 0.451 | 0.215 | - |

relative Natural Colour (NC)

| | | | | |
|---------|------|-------|-------|---|
| lab*ljr | 0.75 | 0.451 | 0.0 | - |
| lab*lce | 0.75 | 0.451 | 0.0 | - |
| lab*nce | 0.0 | 0.451 | 0.215 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 1.0 | 0.25 | 0.316 | (1.0) |
| cmyn3* | 0.0 | 0.25 | 0.316 | (0.0) |
| olvi4* | 1.0 | 0.25 | 0.316 | 1.0 |
| cmyn4* | 0.0 | 0.25 | 0.316 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 66.38 | 50.27 | 23.95 |
| LAB*LAB | 66.38 | 50.27 | 23.95 | - |
| LAB*TCa | 62.5 | 55.68 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|-------|-------|-------|---|
| lab*lab | 0.625 | 0.677 | 0.323 | - |
| lab*ch | 0.625 | 0.677 | 0.323 | - |
| lab*nch | 0.0 | 0.677 | 0.323 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-------|-------|-------|---|
| lab*ljr | 0.625 | 0.677 | 0.0 | - |
| lab*lce | 0.625 | 0.677 | 0.0 | - |
| lab*nce | 0.0 | 0.677 | 0.323 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 1.0 | 0.0 | 0.881 | (1.0) |
| cmyn3* | 0.5 | 0.5 | 0.881 | (0.0) |
| olvi4* | 1.0 | 0.0 | 0.881 | 1.0 |
| cmyn4* | 0.5 | 0.5 | 0.881 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 56.71 | 67.02 | 31.94 |
| LAB*LAB | 56.71 | 67.02 | 31.94 | - |
| LAB*TCa | 50.0 | 74.24 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|-----|-------|------|---|
| lab*lab | 0.5 | 0.903 | 0.43 | - |
| lab*ch | 0.5 | 0.903 | 0.43 | - |
| lab*nch | 0.0 | 0.903 | 0.43 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-----|-------|------|---|
| lab*ljr | 0.5 | 0.903 | 0.0 | - |
| lab*lce | 0.5 | 0.903 | 0.0 | - |
| lab*nce | 0.0 | 0.903 | 0.43 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 1.0 | 0.0 | 0.881 | (1.0) |
| cmyn3* | 0.25 | 0.75 | 0.881 | (0.0) |
| olvi4* | 1.0 | 0.0 | 0.881 | 1.0 |
| cmyn4* | 0.25 | 0.75 | 0.881 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 47.04 | 80.27 | 23.96 |
| LAB*LAB | 47.04 | 80.27 | 23.96 | - |
| LAB*TCa | 37.5 | 88.56 | 25.48 | - |

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 | 75.0 | 0.01 | - | - |

relative CIELAB lab*

| | | | | |
|---------|------|-----|-----|---|
| lab*lab | 0.75 | 0.0 | 0.0 | - |
| lab*ch | 0.75 | 0.0 | 0.0 | - |
| lab*nch | 0.0 | 0.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | | |
|---------|------|-----|-----|---|
| lab*ljr | 0.75 | 0.0 | 0.0 | - |
| lab*lce | 0.75 | 0.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 0.75 | 0.5 | 0.524 | (1.0) |
| cmyn3* | 0.25 | 0.5 | 0.524 | (0.0) |
| olvi4* | 1.0 | 0.75 | 0.72 | 0.75 |
| cmyn4* | 0.0 | 0.25 | 0.28 | 0.25 |
| standard and adapted CIELAB | LAB*LAB | 66.39 | 16.76 | 7.99 |
| LAB*LAB | 66.39 | 16.76 | 7.99 | - |
| LAB*TCa | 62.5 | 18.56 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|-------|-------|-------|---|
| lab*lab | 0.625 | 0.677 | 0.323 | - |
| lab*ch | 0.625 | 0.677 | 0.323 | - |
| lab*nch | 0.0 | 0.677 | 0.323 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-------|-------|-------|---|
| lab*ljr | 0.625 | 0.677 | 0.0 | - |
| lab*lce | 0.625 | 0.677 | 0.0 | - |
| lab*nce | 0.0 | 0.677 | 0.323 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 0.75 | 0.0 | 0.903 | (1.0) |
| cmyn3* | 0.25 | 0.75 | 0.903 | (0.0) |
| olvi4* | 1.0 | 0.5 | 0.881 | 1.0 |
| cmyn4* | 0.0 | 0.25 | 0.881 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 56.71 | 67.02 | 31.94 |
| LAB*LAB | 56.71 | 67.02 | 31.94 | - |
| LAB*TCa | 50.0 | 74.24 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|-----|-------|------|---|
| lab*lab | 0.5 | 0.903 | 0.43 | - |
| lab*ch | 0.5 | 0.903 | 0.43 | - |
| lab*nch | 0.0 | 0.903 | 0.43 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-----|-------|------|---|
| lab*ljr | 0.5 | 0.903 | 0.0 | - |
| lab*lce | 0.5 | 0.903 | 0.0 | - |
| lab*nce | 0.0 | 0.903 | 0.43 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 1.0 | 0.0 | 0.881 | (1.0) |
| cmyn3* | 0.25 | 0.75 | 0.881 | (0.0) |
| olvi4* | 1.0 | 0.0 | 0.881 | 1.0 |
| cmyn4* | 0.25 | 0.75 | 0.881 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 47.04 | 80.27 | 23.96 |
| LAB*LAB | 47.04 | 80.27 | 23.96 | - |
| LAB*TCa | 37.5 | 88.56 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|-----|-------|------|---|
| lab*lab | 0.5 | 0.903 | 0.43 | - |
| lab*ch | 0.5 | 0.903 | 0.43 | - |
| lab*nch | 0.0 | 0.903 | 0.43 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-----|-------|------|---|
| lab*ljr | 0.5 | 0.903 | 0.0 | - |
| lab*lce | 0.5 | 0.903 | 0.0 | - |
| lab*nce | 0.0 | 0.903 | 0.43 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 0.75 | 0.25 | 0.441 | (1.0) |
| cmyn3* | 0.25 | 0.75 | 0.589 | (0.0) |
| olvi4* | 1.0 | 0.5 | 0.661 | 0.75 |
| cmyn4* | 0.0 | 0.25 | 0.339 | 0.25 |
| standard and adapted CIELAB | LAB*LAB | 52.36 | 34.13 | 17.62 |
| LAB*LAB | 52.36 | 34.29 | 15.77 | - |
| LAB*TCa | 50.0 | 37.74 | 24.7 | - |

relative CIELAB lab*

| | | | | |
|---------|-------|-------|-------|---|
| lab*lab | 0.694 | 0.454 | 0.209 | - |
| lab*ch | 0.694 | 0.454 | 0.209 | - |
| lab*nch | 0.0 | 0.454 | 0.209 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-------|-------|-------|---|
| lab*ljr | 0.694 | 0.454 | 0.0 | - |
| lab*lce | 0.694 | 0.454 | 0.0 | - |
| lab*nce | 0.0 | 0.454 | 0.209 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 1.0 | 0.0 | 0.881 | (1.0) |
| cmyn3* | 0.0 | 0.0 | 0.881 | (0.0) |
| olvi4* | 1.0 | 0.0 | 0.881 | 1.0 |
| cmyn4* | 0.0 | 0.0 | 0.881 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 48.0 | 68.48 | 33.09 |
| LAB*LAB | 48.0 | 68.56 | 31.83 | - |
| LAB*TCa | 50.0 | 75.47 | 24.7 | - |

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 | 56.72 | 0.0 | 0.0 |
| LAB*LAB | 56.72 | 0.0 | 0.0 | 0.0 |
| LAB*TCa | 56.0 | 0.01 | - | - |

relative CIELAB lab*

| | | | | |
|---------|------|-----|-----|---|
| lab*lab | 0.25 | 0.0 | 0.0 | - |
| lab*ch | 0.25 | 0.0 | 0.0 | - |
| lab*nch | 0.0 | 0.0 | 0.0 | - |

relative Natural Colour (NC)

| | | | | |
|---------|------|-----|-----|---|
| lab*ljr | 0.25 | 0.0 | 0.0 | - |
| lab*lce | 0.25 | 0.0 | 0.0 | - |
| lab*nce | 0.0 | 0.0 | 0.0 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 0.25 | 0.5 | 0.728 | (1.0) |
| cmyn3* | 0.75 | 0.5 | 0.728 | (0.0) |
| olvi4* | 1.0 | 0.75 | 0.72 | 0.75 |
| cmyn4* | 0.0 | 0.25 | 0.28 | 0.25 |
| standard and adapted CIELAB | LAB*LAB | 47.04 | 16.76 | 7.99 |
| LAB*LAB | 47.04 | 16.76 | 7.99 | - |
| LAB*TCa | 37.5 | 18.56 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|-------|-------|-------|---|
| lab*lab | 0.375 | 0.677 | 0.323 | - |
| lab*ch | 0.375 | 0.677 | 0.323 | - |
| lab*nch | 0.0 | 0.677 | 0.323 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-------|-------|-------|---|
| lab*ljr | 0.375 | 0.677 | 0.0 | - |
| lab*lce | 0.375 | 0.677 | 0.0 | - |
| lab*nce | 0.0 | 0.677 | 0.323 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 0.75 | 0.0 | 0.903 | (1.0) |
| cmyn3* | 0.25 | 1.0 | 0.934 | (0.0) |
| olvi4* | 1.0 | 0.5 | 0.881 | 1.0 |
| cmyn4* | 0.0 | 0.25 | 0.881 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 56.71 | 67.02 | 31.94 |
| LAB*LAB | 56.71 | 67.02 | 31.94 | - |
| LAB*TCa | 50.0 | 74.24 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|-----|-------|------|---|
| lab*lab | 0.5 | 0.903 | 0.43 | - |
| lab*ch | 0.5 | 0.903 | 0.43 | - |
| lab*nch | 0.0 | 0.903 | 0.43 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-----|-------|------|---|
| lab*ljr | 0.5 | 0.903 | 0.0 | - |
| lab*lce | 0.5 | 0.903 | 0.0 | - |
| lab*nce | 0.0 | 0.903 | 0.43 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 1.0 | 0.0 | 0.881 | (1.0) |
| cmyn3* | 0.25 | 0.75 | 0.881 | (0.0) |
| olvi4* | 1.0 | 0.0 | 0.881 | 1.0 |
| cmyn4* | 0.25 | 0.75 | 0.881 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 47.04 | 80.27 | 23.96 |
| LAB*LAB | 47.04 | 80.27 | 23.96 | - |
| LAB*TCa | 37.5 | 88.56 | 25.48 | - |

relative CIELAB lab*

| | | | | |
|---------|-----|-------|------|---|
| lab*lab | 0.5 | 0.903 | 0.43 | - |
| lab*ch | 0.5 | 0.903 | 0.43 | - |
| lab*nch | 0.0 | 0.903 | 0.43 | - |

relative Natural Colour (NC)

| | | | | |
|---------|-----|-------|------|---|
| lab*ljr | 0.5 | 0.903 | 0.0 | - |
| lab*lce | 0.5 | 0.903 | 0.0 | - |
| lab*nce | 0.0 | 0.903 | 0.43 | - |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| olvi3* | 0.75 | 0.25 | 0.441 | (1.0) |
| cmyn3* | 0.25 | 0.75 | 0.589 | (0.0) |
| olvi4* | 1.0 | 0.5 | 0.661 | 0.75 |
| cmyn4* | 0.0 | 0.25 | 0.339 | 0.25 |
| standard and adapted CIELAB | LAB*LAB | 52.36 | 34.13 | 17.62 |
| LAB*LAB | 52.36 | 34.29 | 15.77 | - |
| LAB*TCa | 50.0 | 37.74 | 24.7 | - |

relative CIELAB lab*

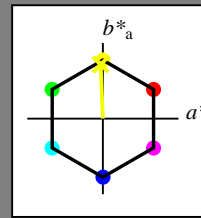
| | | | | |
|---------|-------|-------|-------|---|
| lab*lab | 0.694 | 0.454 | 0.209 | - |
| lab*ch | 0.694 | 0.454 | 0.209 | - |
| lab*nch | 0.0 | 0.454 | | |

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)

| | | | | |
|-----------------------------|---------|-------|-----|-------|
| ohv13* | 1.0 | 1.0 | 1.0 | (1.0) |
| cmv23* | 0.0 | 0.0 | 0.0 | (0.0) |
| ohv14* | 1.0 | 1.0 | 1.0 | 1.0 |
| cmv24* | 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 | 0.0 |
| LAB*LABc | 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)

| | | | | |
|-----------------------------|---------|-------|------|-------|
| ohv13* | 0.75 | 0.75 | 0.75 | (1.0) |
| cmv23* | 0.25 | 0.25 | 0.25 | (0.0) |
| ohv14* | 1.0 | 1.0 | 1.0 | 0.75 |
| cmv24* | 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 | 0.0 |
| LAB*LABc | 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 | 0.25 | 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)

| | | | | |
|-----------------------------|---------|-------|-----|-------|
| ohv13* | 0.5 | 0.5 | 0.5 | (0.0) |
| cmv23* | 0.5 | 0.5 | 0.5 | (0.0) |
| ohv14* | 1.0 | 1.0 | 1.0 | 0.5 |
| cmv24* | 0.0 | 0.0 | 0.0 | 0.5 |
| standard and adapted CIELAB | LAB*LAB | 56.72 | 0.0 | 0.0 |
| LAB*LABa | 56.72 | 0.0 | 0.0 | 0.0 |
| LAB*LABc | 55.00 | 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 | 0.25 | 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 | 0.25 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|------|-------|
| ohv13* | 0.25 | 0.25 | 0.25 | (1.0) |
| cmv23* | 0.75 | 0.75 | 0.75 | (0.0) |
| ohv14* | 1.0 | 1.0 | 1.0 | 0.25 |
| cmv24* | 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 | 0.0 |
| LAB*LABc | 35.00 | 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 | 0.125 | 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 | 0.125 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| ohv13* | 0.125 | 0.125 | 0.125 | (1.0) |
| cmv23* | 0.875 | 0.875 | 0.875 | (0.0) |
| ohv14* | 1.0 | 1.0 | 1.0 | 0.125 |
| cmv24* | 0.0 | 0.0 | 0.0 | 0.875 |
| standard and adapted CIELAB | LAB*LAB | 25.00 | 0.01 | 0.0 |
| LAB*LABa | 25.00 | 0.01 | 0.0 | 0.0 |
| LAB*LABc | 23.00 | 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 | 0.0625 | 0.0 | 0.0 |

relative Natural Colour (NC)

| | | | |
|--------|--------|-----|-----|
| lab*lj | 0.125 | 0.0 | 0.0 |
| lab*lc | 0.125 | 0.0 | 0.0 |
| lab*nc | 0.0625 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-----|-------|
| ohv13* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmv23* | 1.0 | 1.0 | 1.0 | (0.0) |
| ohv14* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmv24* | 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 | 0.0 |
| LAB*LABc | 17.00 | 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 | 0.0 | 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 | 0.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-----|-------|
| ohv13* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmv23* | 1.0 | 1.0 | 1.0 | (0.0) |
| ohv14* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmv24* | 0.0 | 0.0 | 0.0 | 1.0 |
| standard and adapted CIELAB | LAB*LAB | 10.00 | 0.0 | 0.0 |
| LAB*LABa | 10.00 | 0.0 | 0.0 | 0.0 |
| LAB*LABc | 9.00 | 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 | 0.0 | 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 | 0.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|------|-----|-------|
| ohv13* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmv23* | 1.0 | 1.0 | 1.0 | (0.0) |
| ohv14* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmv24* | 0.0 | 0.0 | 0.0 | 1.0 |
| standard and adapted CIELAB | LAB*LAB | 5.00 | 0.0 | 0.0 |
| LAB*LABa | 5.00 | 0.0 | 0.0 | 0.0 |
| LAB*LABc | 4.00 | 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 | 0.0 | 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 | 0.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|------|-----|-------|
| ohv13* | 0.0 | 0.0 | 0.0 | (1.0) |
| cmv23* | 1.0 | 1.0 | 1.0 | (0.0) |
| ohv14* | 1.0 | 1.0 | 1.0 | 0.0 |
| cmv24* | 0.0 | 0.0 | 0.0 | 1.0 |
| standard and adapted CIELAB | LAB*LAB | 1.00 | 0.0 | 0.0 |
| LAB*LABa | 1.00 | 0.0 | 0.0 | 0.0 |
| LAB*LABc | 0.50 | 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 | 0.0 | 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 | 0.0 | 0.0 | 0.0 |

$n^* = 1.0$

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)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| ohv13* | 0.977 | 1.0 | 0.5 | (1.0) |
| cmv23* | 0.023 | 0.0 | 0.5 | (0.0) |
| ohv14* | 0.977 | 1.0 | 0.5 | 1.0 |
| cmv24* | 0.023 | 0.0 | 0.5 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 76.06 | -1.51 | 37.81 |
| LAB*LABa | 76.06 | -1.51 | 37.81 | 0.0 |
| LAB*LABc | 75.00 | 0.01 | 37.81 | 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 | 0.0 | 0.0 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| ohv13* | 0.966 | 1.0 | 0.25 | (1.0) |
| cmv23* | 0.034 | 0.0 | 0.25 | (0.0) |
| ohv14* | 0.966 | 1.0 | 0.25 | 1.0 |
| cmv24* | 0.034 | 0.0 | 0.25 | 0.0 |
| standard and adapted CIELAB | LAB*LAB | 66.38 | -2.27 | 56.72 |
| LAB*LABa | 66.38 | -2.27 | 56.72 | 0.0 |
| LAB*LABc | 62.5 | 0.01 | 56.72 | 0.0 |

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*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)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| ohv13* | 0.727 | 0.75 | 0.25 | (1.0) |
| cmv23* | 0.273 | 0.25 | 0.75 | (0.0) |
| ohv14* | 0.977 | 1.0 | 0.5 | 0.75 |
| cmv24* | 0.023 | 0.0 | 0.5 | 0.25 |
| standard and adapted CIELAB | LAB*LAB | 56.71 | -1.52 | 37.82 |
| LAB*LABa | 56.71 | -1.52 | 37.82 | 0.0 |
| LAB*LABc | 50.0 | 0.01 | 37.82 | 0.0 |

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*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)

| | | | | |
|-----------------------------|---------|--------|-------|-------|
| ohv13* | 0.625 | -0.029 | 0.749 | (1.0) |
| cmv23* | 0.375 | 0.0 | 0.256 | (0.0) |
| ohv14* | 0.966 | 1.0 | 0.25 | 0.75 |
| cmv24* | 0.034 | 0.0 | 0.25 | 0.25 |
| standard and adapted CIELAB | LAB*LAB | 56.71 | -1.52 | 37.82 |
| LAB*LABa | 56.71 | -1.52 | 37.82 | 0.0 |
| LAB*LABc | 50.0 | 0.01 | 37.82 | 0.0 |

relative CIELAB lab*

| | | | | |
|-----------------------------|---------|--------|-------|-------|
| lab*lab | 0.5 | -0.029 | 0.999 | (1.0) |
| lab*ch | 0.5 | 0.0 | 0.256 | (0.0) |
| lab*nch | 0.25 | 0.0 | 0.256 | 0.25 |
| cmv24* | 0.034 | 0.0 | 0.25 | 0.25 |
| standard and adapted CIELAB | LAB*LAB | 47.04 | -2.28 | 56.72 |
| LAB*LABa | 47.04 | -2.28 | 56.72 | 0.0 |
| LAB*LABc | 37.51 | 0.01 | 56.72 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|-------|-------|-------|
| ohv13* | 0.477 | 0.5 | 0.0 | (1.0) |
| cmv23* | 0.523 | 0.0 | 0.0 | (0.0) |
| ohv14* | 0.977 | 1.0 | 0.25 | 0.5 |
| cmv24* | 0.023 | 0.0 | 0.25 | 0.5 |
| standard and adapted CIELAB | LAB*LAB | 37.36 | -1.52 | 37.81 |
| LAB*LABa | 37.36 | -1.52 | 37.81 | 0.0 |
| LAB*LABc | 25.01 | 0.01 | 37.81 | 0.0 |

relative CIELAB lab*

| | | | | |
|-----------------------------|---------|--------|-------|-------|
| lab*lab | 0.375 | -0.029 | 0.749 | (1.0) |
| lab*ch | 0.375 | 0.0 | 0.256 | (0.0) |
| lab*nch | 0.25 | 0.0 | 0.256 | 0.25 |
| cmv24* | 0.023 | 0.0 | 0.25 | 0.25 |
| standard and adapted CIELAB | LAB*LAB | 27.69 | -0.75 | 18.9 |
| LAB*LABa | 27.69 | -0.75 | 18.9 | 0.0 |
| LAB*LABc | 12.5 | 0.01 | 18.9 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|-----------------------------|---------|--------|-------|-------|
| ohv13* | 0.229 | -0.019 | 0.499 | (1.0) |
| cmv23* | 0.771 | 0.75 | 1.0 | (0.0) |
| ohv14* | 0.989 | 1.0 | 0.5 | 0.25 |
| cmv24* | 0.011 | 0.0 | 0.25 | 0.75 |
| standard and adapted CIELAB | LAB*LAB | 27.69 | -0.75 | 18.9 |
| LAB*LABa | 27.69 | -0.75 | 18.9 | 0.0 |
| LAB*LABc | 12.5 | 0.01 | 18.9 | 0.0 |

relative CIELAB lab*

| | | | | |
|-----------------------------|---------|--------|-------|-------|
| lab*lab | 0.125 | -0.019 | 0.499 | (1.0) |
| lab*ch | 0.125 | 0.0 | 0.256 | (0.0) |
| lab*nch | 0.0625 | 0.0 | 0.256 | 0.25 |
| cmv24* | 0.011 | 0.0 | 0.25 | 0.75 |
| standard and adapted CIELAB | LAB*LAB | 12.5 | 0.01 | 18.9 |
| LAB*LABa | 12.5 | 0.01 | 18.9 | 0.0 |
| LAB*LABc | 7.5 | 0.01 | 1 | |

Input: Colorimetric Standard Reflective System SRS18

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

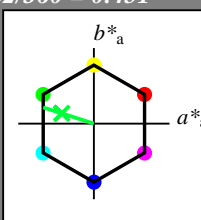
lab^*ch and lab^*nch

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)

| | | | | |
|---------|-----|-----|-----|-------|
| 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) |
| olvi7* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi8* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi9* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi10* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi11* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi12* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi13* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi14* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi15* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi16* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi17* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi18* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi19* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi20* | 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 |

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)

| | | | | |
|---------|------|-----|-------|--------|
| olvi3* | 0.75 | 1.0 | 0.806 | (1.0) |
| olvi2* | 0.25 | 0.0 | 0.194 | (0.25) |
| olvi4* | 0.75 | 1.0 | 0.806 | (1.0) |
| olvi5* | 0.25 | 0.0 | 0.194 | (0.25) |
| olvi6* | 0.75 | 1.0 | 0.806 | (1.0) |
| olvi7* | 0.25 | 0.0 | 0.194 | (0.25) |
| olvi8* | 0.75 | 1.0 | 0.806 | (1.0) |
| olvi9* | 0.25 | 0.0 | 0.194 | (0.25) |
| olvi10* | 0.75 | 1.0 | 0.806 | (1.0) |
| olvi11* | 0.25 | 0.0 | 0.194 | (0.25) |
| olvi12* | 0.75 | 1.0 | 0.806 | (1.0) |
| olvi13* | 0.25 | 0.0 | 0.194 | (0.25) |
| olvi14* | 0.75 | 1.0 | 0.806 | (1.0) |
| olvi15* | 0.25 | 0.0 | 0.194 | (0.25) |
| olvi16* | 0.75 | 1.0 | 0.806 | (1.0) |
| olvi17* | 0.25 | 0.0 | 0.194 | (0.25) |
| olvi18* | 0.75 | 1.0 | 0.806 | (1.0) |
| olvi19* | 0.25 | 0.0 | 0.194 | (0.25) |
| olvi20* | 0.75 | 1.0 | 0.806 | (1.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|------|-----|
| LAB*LAB | 76.07 | 0.0 | 0.0 |
| LAB*LABa | 76.07 | 0.0 | 0.0 |
| LAB*LABb | 75.0 | 0.01 | 0.0 |

relative Inform. Technology (IT)

| | | | | |
|---------|------|------|-------|-------|
| olvi3* | 0.5 | 0.75 | 0.561 | (1.0) |
| olvi2* | 0.25 | 0.0 | 0.389 | (0.5) |
| olvi4* | 0.75 | 1.0 | 0.561 | (1.0) |
| olvi5* | 0.25 | 0.0 | 0.389 | (0.5) |
| olvi6* | 0.75 | 1.0 | 0.561 | (1.0) |
| olvi7* | 0.25 | 0.0 | 0.389 | (0.5) |
| olvi8* | 0.75 | 1.0 | 0.561 | (1.0) |
| olvi9* | 0.25 | 0.0 | 0.389 | (0.5) |
| olvi10* | 0.75 | 1.0 | 0.561 | (1.0) |
| olvi11* | 0.25 | 0.0 | 0.389 | (0.5) |
| olvi12* | 0.75 | 1.0 | 0.561 | (1.0) |
| olvi13* | 0.25 | 0.0 | 0.389 | (0.5) |
| olvi14* | 0.75 | 1.0 | 0.561 | (1.0) |
| olvi15* | 0.25 | 0.0 | 0.389 | (0.5) |
| olvi16* | 0.75 | 1.0 | 0.561 | (1.0) |
| olvi17* | 0.25 | 0.0 | 0.389 | (0.5) |
| olvi18* | 0.75 | 1.0 | 0.561 | (1.0) |
| olvi19* | 0.25 | 0.0 | 0.389 | (0.5) |
| olvi20* | 0.75 | 1.0 | 0.561 | (1.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|-------|
| LAB*LAB | 66.39 | -16.75 | 5.37 |
| LAB*LABa | 66.39 | -16.75 | 5.37 |
| LAB*LABb | 62.5 | 0.25 | 8.00b |

relative Inform. Technology (IT)

| | | | | |
|---------|-------|------|-------|-------|
| olvi3* | 0.25 | 0.75 | 0.361 | (1.0) |
| olvi2* | 0.125 | 0.0 | 0.222 | (0.5) |
| olvi4* | 0.75 | 1.0 | 0.361 | (1.0) |
| olvi5* | 0.125 | 0.0 | 0.222 | (0.5) |
| olvi6* | 0.75 | 1.0 | 0.361 | (1.0) |
| olvi7* | 0.125 | 0.0 | 0.222 | (0.5) |
| olvi8* | 0.75 | 1.0 | 0.361 | (1.0) |
| olvi9* | 0.125 | 0.0 | 0.222 | (0.5) |
| olvi10* | 0.75 | 1.0 | 0.361 | (1.0) |
| olvi11* | 0.125 | 0.0 | 0.222 | (0.5) |
| olvi12* | 0.75 | 1.0 | 0.361 | (1.0) |
| olvi13* | 0.125 | 0.0 | 0.222 | (0.5) |
| olvi14* | 0.75 | 1.0 | 0.361 | (1.0) |
| olvi15* | 0.125 | 0.0 | 0.222 | (0.5) |
| olvi16* | 0.75 | 1.0 | 0.361 | (1.0) |
| olvi17* | 0.125 | 0.0 | 0.222 | (0.5) |
| olvi18* | 0.75 | 1.0 | 0.361 | (1.0) |
| olvi19* | 0.125 | 0.0 | 0.222 | (0.5) |
| olvi20* | 0.75 | 1.0 | 0.361 | (1.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|------|
| LAB*LAB | 47.04 | -16.75 | 5.37 |
| LAB*LABa | 47.04 | -16.75 | 5.37 |
| LAB*LABb | 47.04 | -16.75 | 5.37 |
| LAB*LABc | 47.04 | -16.75 | 5.37 |
| LAB*LABd | 47.04 | -16.75 | 5.37 |
| LAB*LABe | 47.04 | -16.75 | 5.37 |
| LAB*LABf | 47.04 | -16.75 | 5.37 |
| LAB*LABg | 47.04 | -16.75 | 5.37 |
| LAB*LABh | 47.04 | -16.75 | 5.37 |
| LAB*LABi | 47.04 | -16.75 | 5.37 |
| LAB*LABj | 47.04 | -16.75 | 5.37 |
| LAB*LABk | 47.04 | -16.75 | 5.37 |
| LAB*LABl | 47.04 | -16.75 | 5.37 |
| LAB*LABm | 47.04 | -16.75 | 5.37 |
| LAB*LABn | 47.04 | -16.75 | 5.37 |
| LAB*LABo | 47.04 | -16.75 | 5.37 |
| LAB*LABp | 47.04 | -16.75 | 5.37 |
| LAB*LABq | 47.04 | -16.75 | 5.37 |
| LAB*LABr | 47.04 | -16.75 | 5.37 |
| LAB*LABs | 47.04 | -16.75 | 5.37 |
| LAB*LABt | 47.04 | -16.75 | 5.37 |
| LAB*LABu | 47.04 | -16.75 | 5.37 |
| LAB*LABv | 47.04 | -16.75 | 5.37 |
| LAB*LABw | 47.04 | -16.75 | 5.37 |
| LAB*LABx | 47.04 | -16.75 | 5.37 |
| LAB*LABy | 47.04 | -16.75 | 5.37 |
| LAB*LABz | 47.04 | -16.75 | 5.37 |

relative Inform. Technology (IT)

| | | | | |
|---------|--------|------|-------|-------|
| olvi3* | 0.125 | 0.75 | 0.180 | (1.0) |
| olvi2* | 0.0625 | 0.0 | 0.111 | (0.5) |
| olvi4* | 0.75 | 1.0 | 0.180 | (1.0) |
| olvi5* | 0.0625 | 0.0 | 0.111 | (0.5) |
| olvi6* | 0.75 | 1.0 | 0.180 | (1.0) |
| olvi7* | 0.0625 | 0.0 | 0.111 | (0.5) |
| olvi8* | 0.75 | 1.0 | 0.180 | (1.0) |
| olvi9* | 0.0625 | 0.0 | 0.111 | (0.5) |
| olvi10* | 0.75 | 1.0 | 0.180 | (1.0) |
| olvi11* | 0.0625 | 0.0 | 0.111 | (0.5) |
| olvi12* | 0.75 | 1.0 | 0.180 | (1.0) |
| olvi13* | 0.0625 | 0.0 | 0.111 | (0.5) |
| olvi14* | 0.75 | 1.0 | 0.180 | (1.0) |
| olvi15* | 0.0625 | 0.0 | 0.111 | (0.5) |
| olvi16* | 0.75 | 1.0 | 0.180 | (1.0) |
| olvi17* | 0.0625 | 0.0 | 0.111 | (0.5) |
| olvi18* | 0.75 | 1.0 | 0.180 | (1.0) |
| olvi19* | 0.0625 | 0.0 | 0.111 | (0.5) |
| olvi20* | 0.75 | 1.0 | 0.180 | (1.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|--------|------|
| LAB*LAB | 27.69 | -16.74 | 5.38 |
| LAB*LABa | 27.69 | -16.74 | 5.38 |
| LAB*LABb | 27.69 | -16.74 | 5.38 |
| LAB*LABc | 27.69 | -16.74 | 5.38 |
| LAB*LABd | 27.69 | -16.74 | 5.38 |
| LAB*LABe | 27.69 | -16.74 | 5.38 |
| LAB*LABf | 27.69 | -16.74 | 5.38 |
| LAB*LABg | 27.69 | -16.74 | 5.38 |
| LAB*LABh | 27.69 | -16.74 | 5.38 |
| LAB*LABi | 27.69 | -16.74 | 5.38 |
| LAB*LABj | 27.69 | -16.74 | 5.38 |
| LAB*LABk | 27.69 | -16.74 | 5.38 |
| LAB*LABl | 27.69 | -16.74 | 5.38 |
| LAB*LABm | 27.69 | -16.74 | 5.38 |
| LAB*LABn | 27.69 | -16.74 | 5.38 |
| LAB*LABo | 27.69 | -16.74 | 5.38 |
| LAB*LABp | 27.69 | -16.74 | 5.38 |
| LAB*LABq | 27.69 | -16.74 | 5.38 |
| LAB*LABr | 27.69 | -16.74 | 5.38 |
| LAB*LABs | 27.69 | -16.74 | 5.38 |
| LAB*LABt | 27.69 | -16.74 | 5.38 |
| LAB*LABu | 27.69 | -16.74 | 5.38 |
| LAB*LABv | 27.69 | -16.74 | 5.38 |
| LAB*LABw | 27.69 | -16.74 | 5.38 |
| LAB*LABx | 27.69 | -16.74 | 5.38 |
| LAB*LABy | 27.69 | -16.74 | 5.38 |
| LAB*LABz | 27.69 | -16.74 | 5.38 |

relative Inform. Technology (IT)

| | | | | |
|---------|---------|------|-------|-------|
| olvi3* | 0.0625 | 0.75 | 0.090 | (1.0) |
| olvi2* | 0.03125 | 0.0 | 0.055 | (0.5) |
| olvi4* | 0.75 | 1.0 | 0.090 | (1.0) |
| olvi5* | 0.03125 | 0.0 | 0.055 | (0.5) |
| olvi6* | 0.75 | 1.0 | 0.090 | (1.0) |
| olvi7* | 0.03125 | 0.0 | 0.055 | (0.5) |
| olvi8* | 0.75 | 1.0 | 0.090 | (1.0) |
| olvi9* | 0.03125 | 0.0 | 0.055 | (0.5) |
| olvi10* | 0.75 | 1.0 | 0.090 | (1.0) |
| olvi11* | 0.03125 | 0.0 | 0.055 | (0.5) |
| olvi12* | 0.75 | 1.0 | 0.090 | (1.0) |
| olvi13* | 0.03125 | 0.0 | 0.055 | (0.5) |
| olvi14* | 0.75 | 1.0 | 0.090 | (1.0) |
| olvi15* | 0.03125 | 0.0 | 0.055 | (0.5) |
| olvi16* | 0.75 | 1.0 | 0.090 | (1.0) |
| olvi17* | 0.03125 | 0.0 | 0.055 | (0.5) |
| olvi18* | 0.75 | 1.0 | 0.090 | (1.0) |
| olvi19* | 0.03125 | 0.0 | 0.055 | (0.5) |
| olvi20* | 0.75 | 1.0 | 0.090 | (1.0) |

NE570-7, 5 step scales for constant CIELAB hue 162/360 = 0.451 (left)

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 164/360 = 0.457$

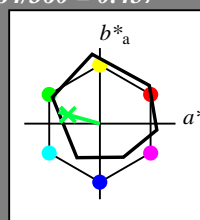
lab^*ch and lab^*nch

D65: hue G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

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* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi7* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi8* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi9* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi10* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi11* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi12* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi13* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi14* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi15* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi16* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi17* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi18* | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi19* | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi20* | 1.0 | 1.0 | 1.0 | (1.0) |

standard and adapted CIELAB

| | | | |
|----------|-------|-------|------|
| LAB*LAB | 95.41 | -0.98 | 4.75 |
| LAB*LABa | 95.41 | -0.98 | 4.75 |
| LAB*LABb | 99.99 | 0.01 | 0.0 |

relative Inform. Technology (IT)

