

Input: Colorimetric Offset Reflective System ORS18

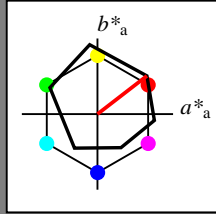
for hue $h^* = lab^*h = 38/360 = 0.105$

lab^*tch and lab^*nch

D65: hue O

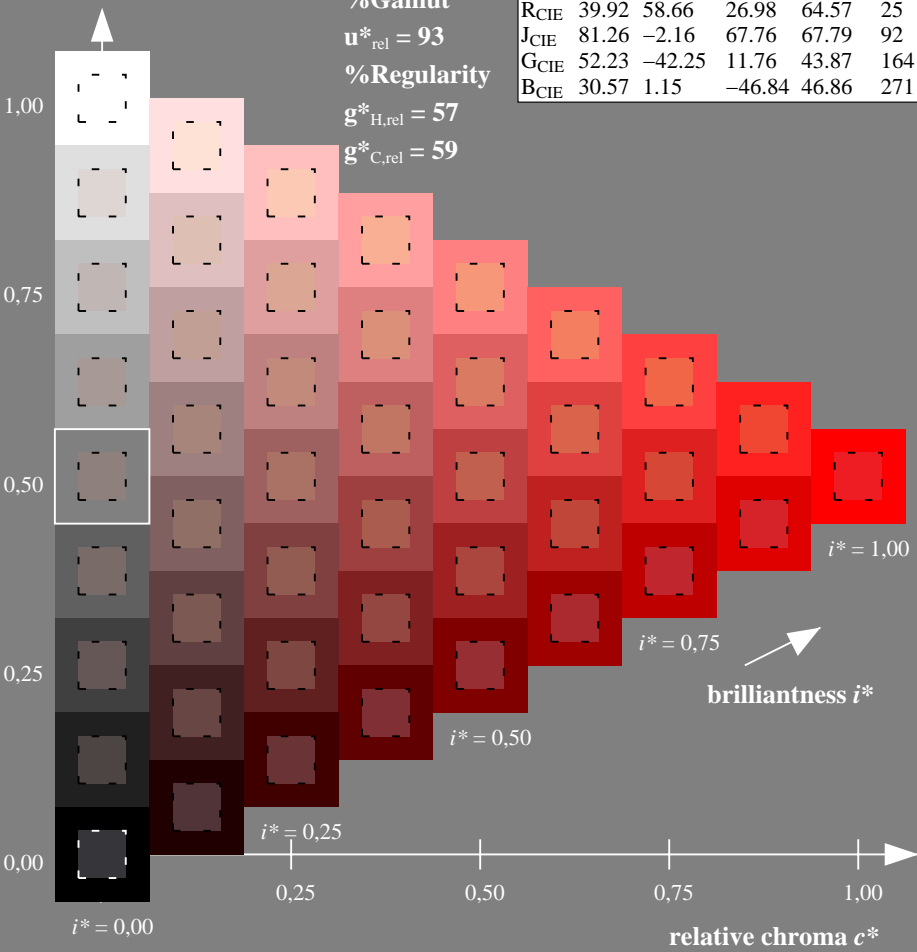
LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

Output: Colorimetric Offset Reflective System ORS18

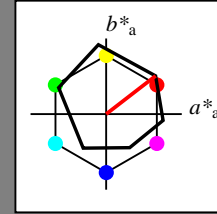
for hue $h^* = lab^*h = 38/360 = 0.105$

lab^*tch and lab^*nch

D65: hue O

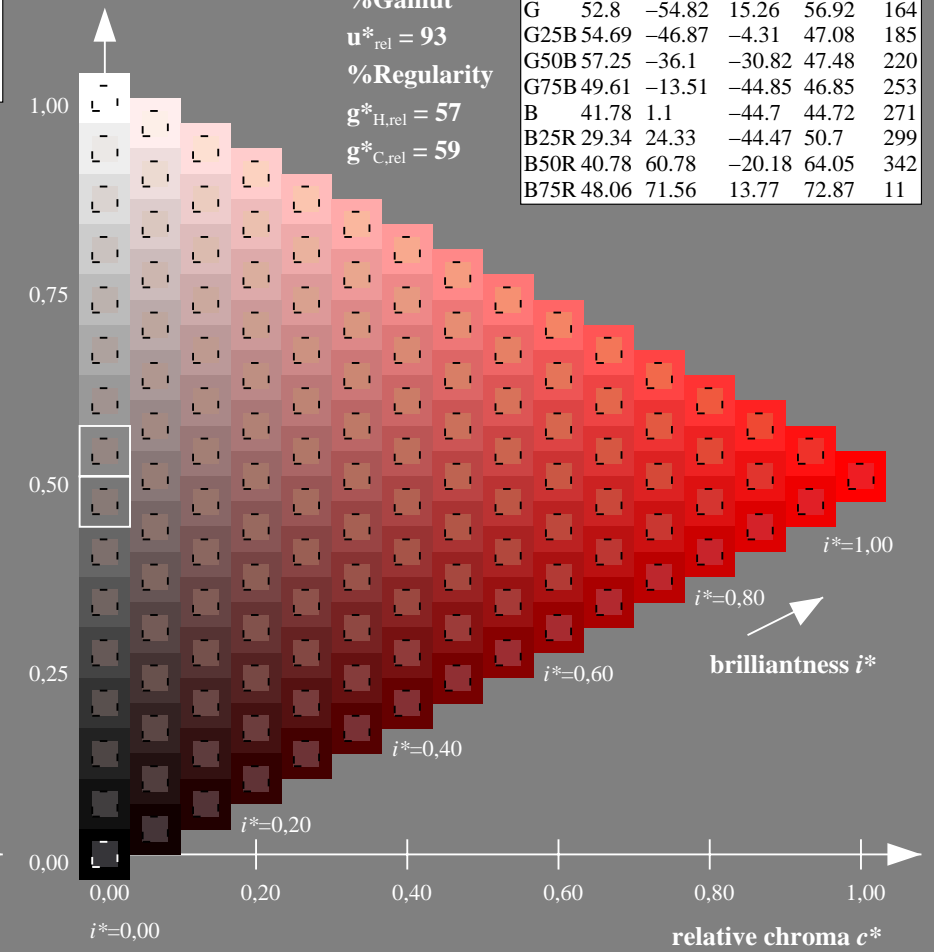
LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ZE720-7N, 9 step scales for constant CIELAB hue 38/360 = 0.105 (left)

ZE720-7N, 16 step scales for constant CIELAB hue 38/360 = 0.105 (right)

Input: Colorimetric Offset Reflective System ORS18

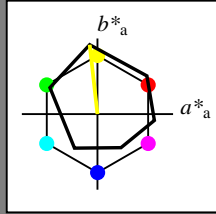
for hue $h^* = lab^*h = 96/360 = 0.268$

lab^*tch and lab^*nch

D65: hue Y

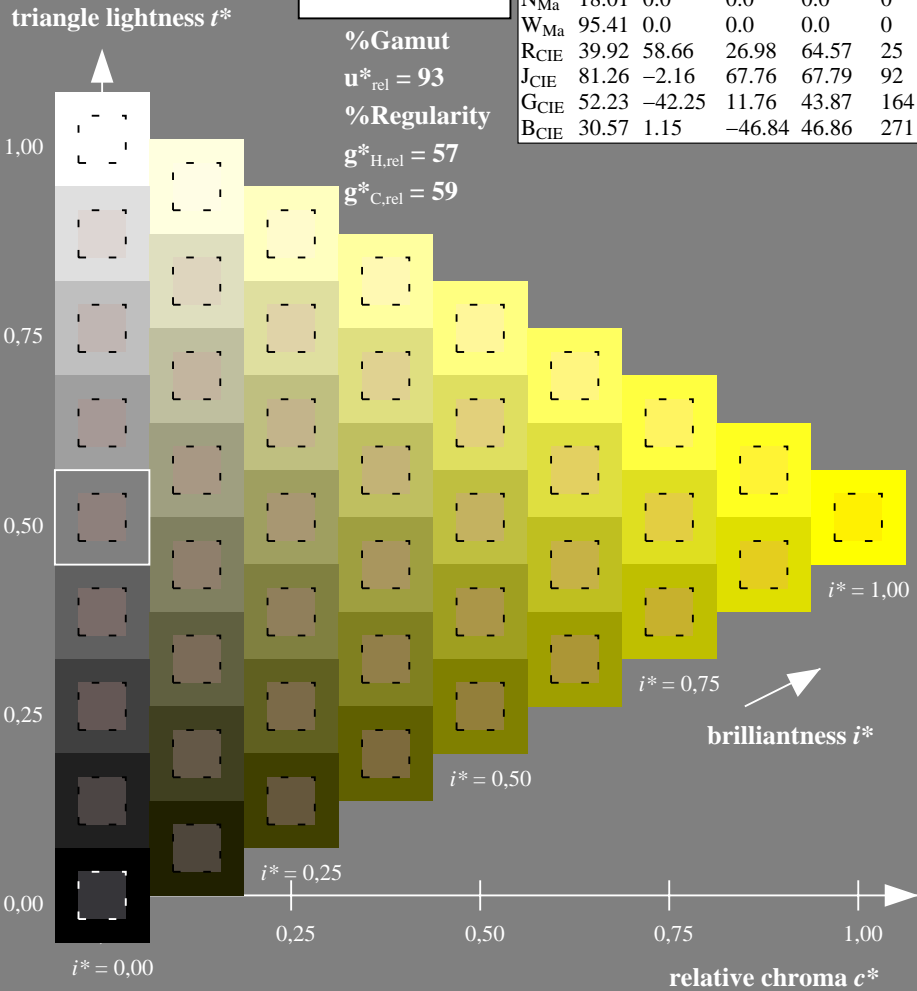
LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0



| 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 |
| R _{CIE} | 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 |

%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 9 step scales for constant CIELAB hue 96/360 = 0.268 (left)

Output: Colorimetric Offset Reflective System ORS18

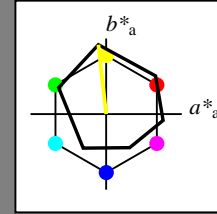
for hue $h^* = lab^*h = 96/360 = 0.268$

lab^*tch and lab^*nch

D65: hue Y

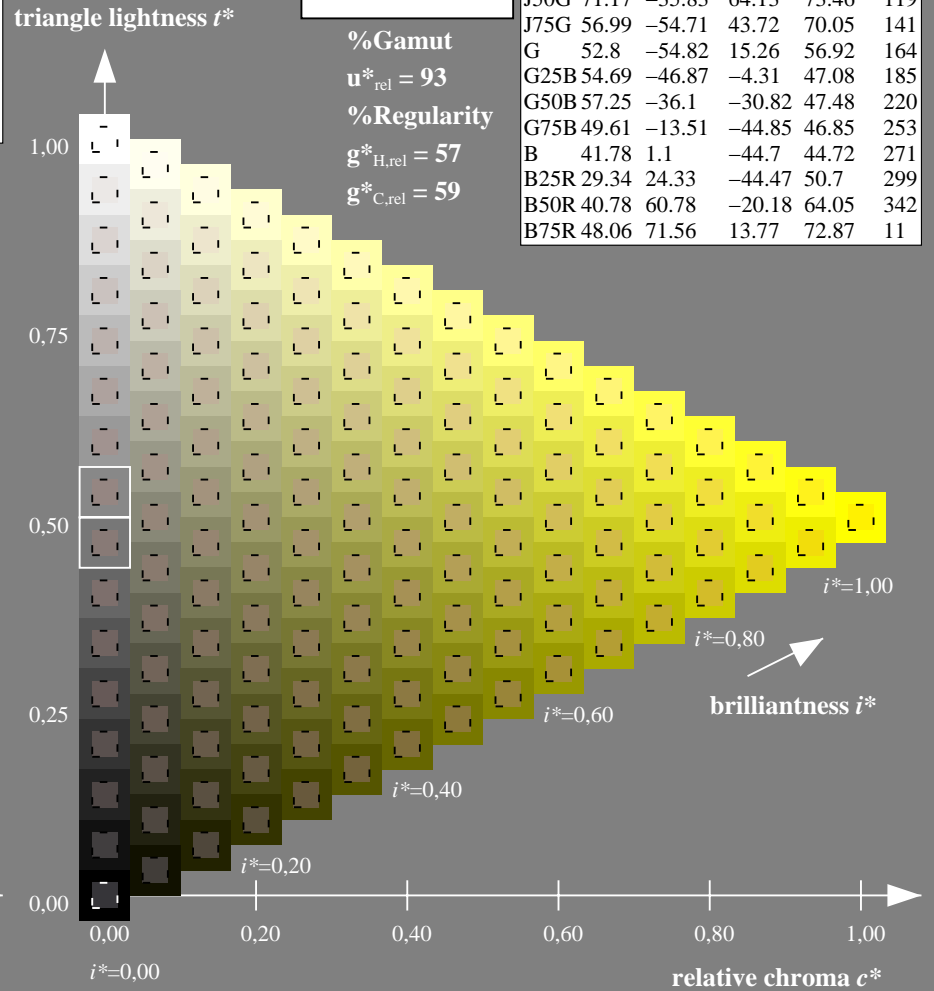
LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 16 step scales for constant CIELAB hue 96/360 = 0.268 (right)

Input: Colorimetric Offset Reflective System ORS18

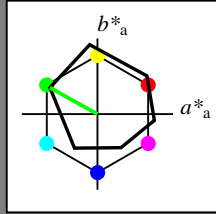
for hue $h^* = lab^*h = 151/360 = 0.419$

lab^*tch and lab^*nch

D65: hue L

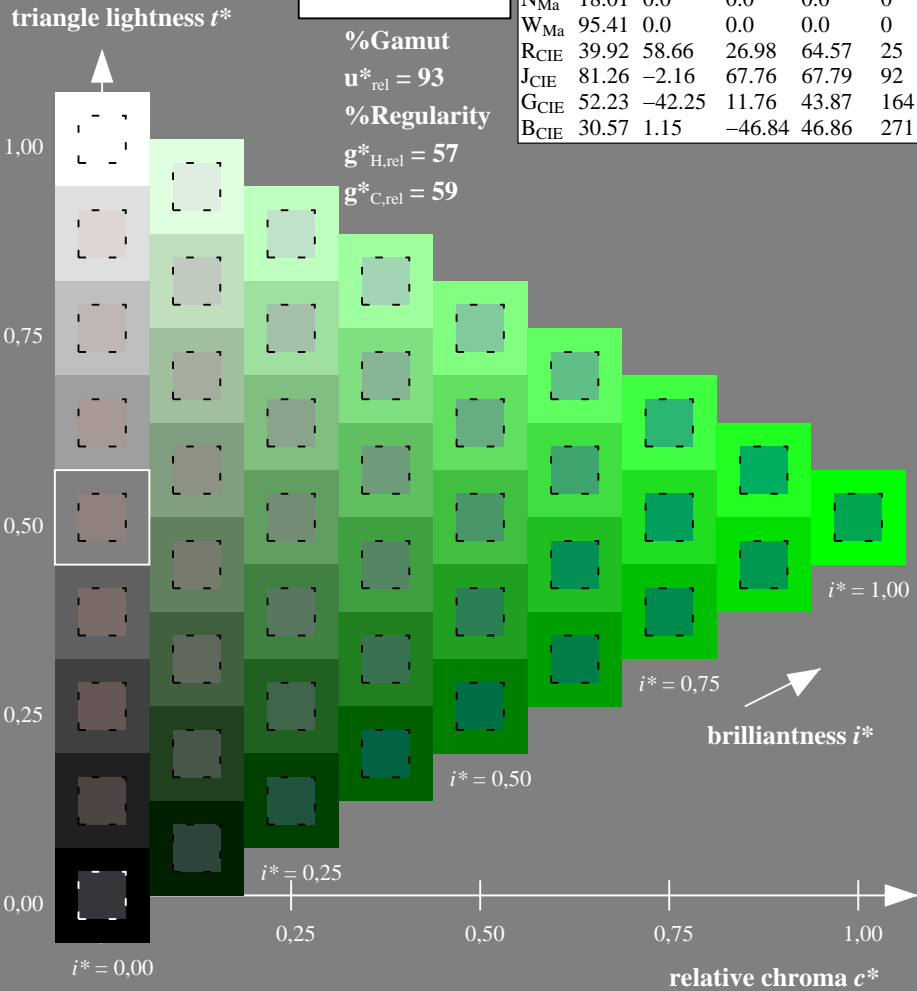
LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0



| 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 |
| R _{CIE} | 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 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 9 step scales for constant CIELAB hue 151/360 = 0.419 (left)

Output: Colorimetric Offset Reflective System ORS18

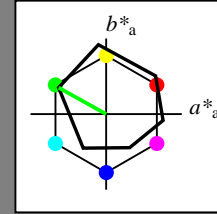
for hue $h^* = lab^*h = 151/360 = 0.419$

lab^*tch and lab^*nch

D65: hue L

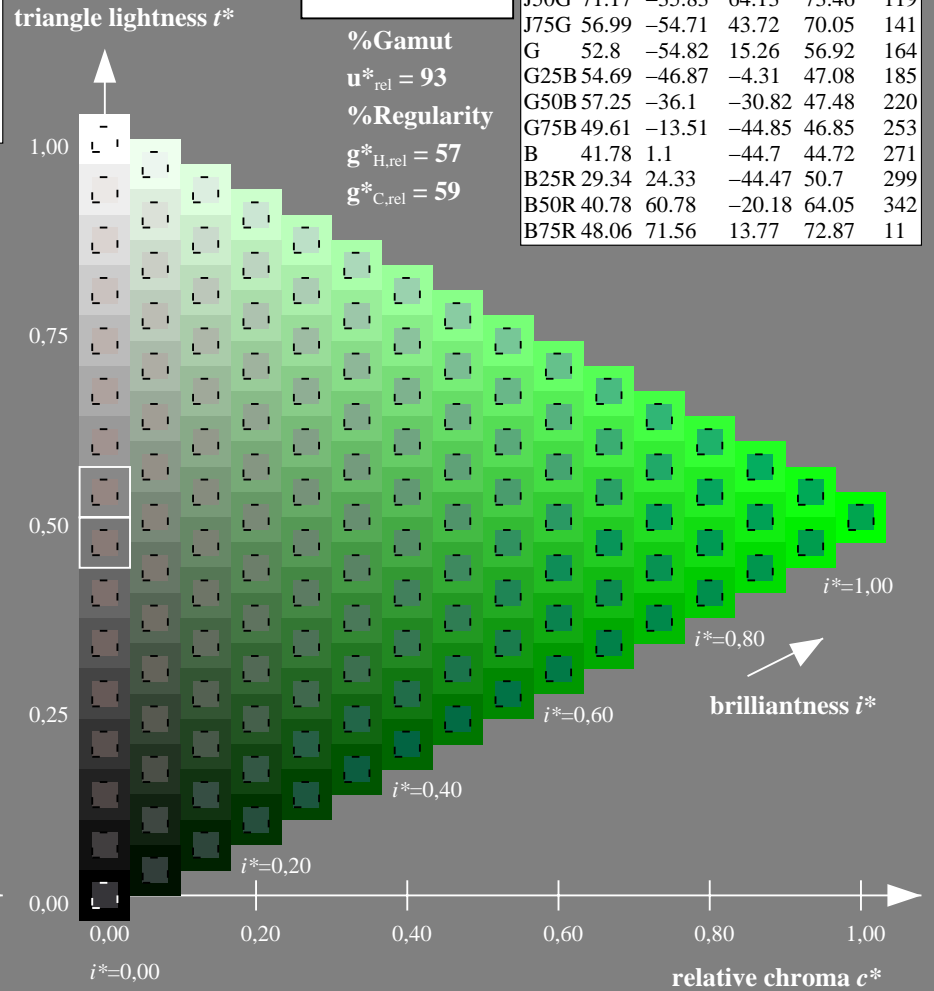
LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 16 step scales for constant CIELAB hue 151/360 = 0.419 (right)

Input: Colorimetric Offset Reflective System ORS18

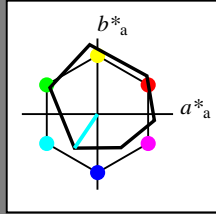
for hue $h^* = lab^*h = 236/360 = 0.656$

lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0



%Gamut

$u^*_{rel} = 93$

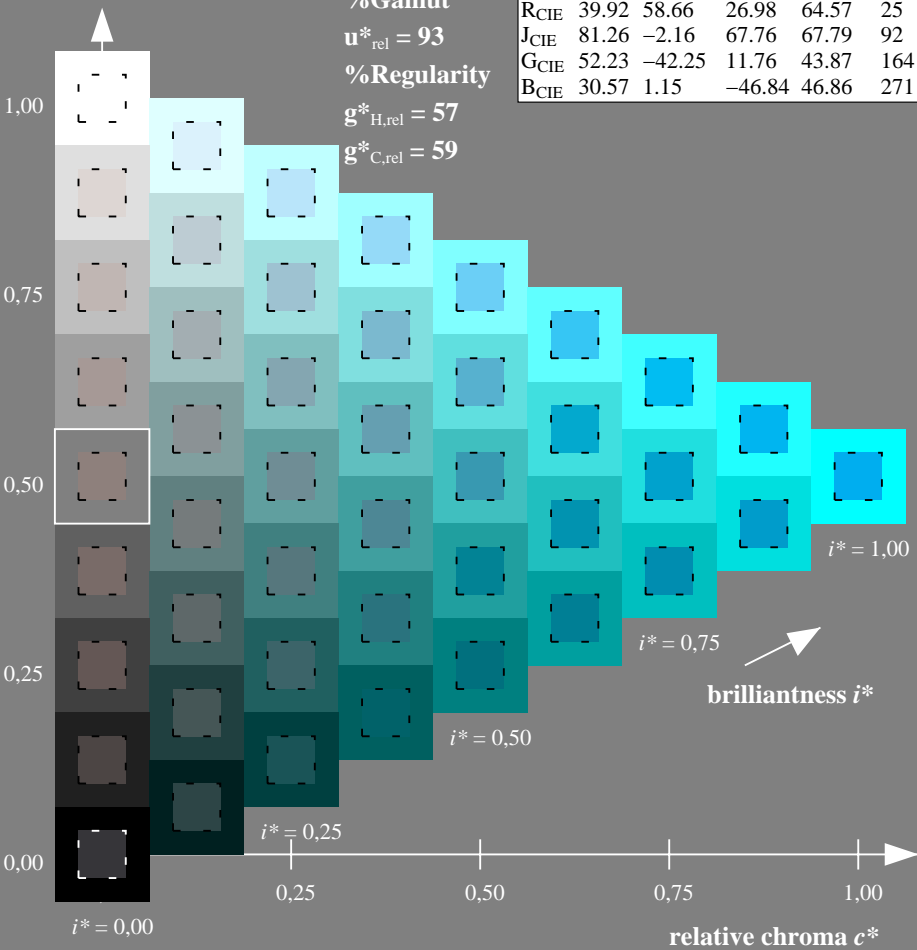
%Regularity

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

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

| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



ZE720-7N, 9 step scales for constant CIELAB hue 236/360 = 0.656 (left)

Output: Colorimetric Offset Reflective System ORS18

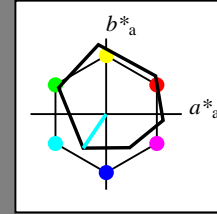
for hue $h^* = lab^*h = 236/360 = 0.656$

lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0



%Gamut

$u^*_{rel} = 93$

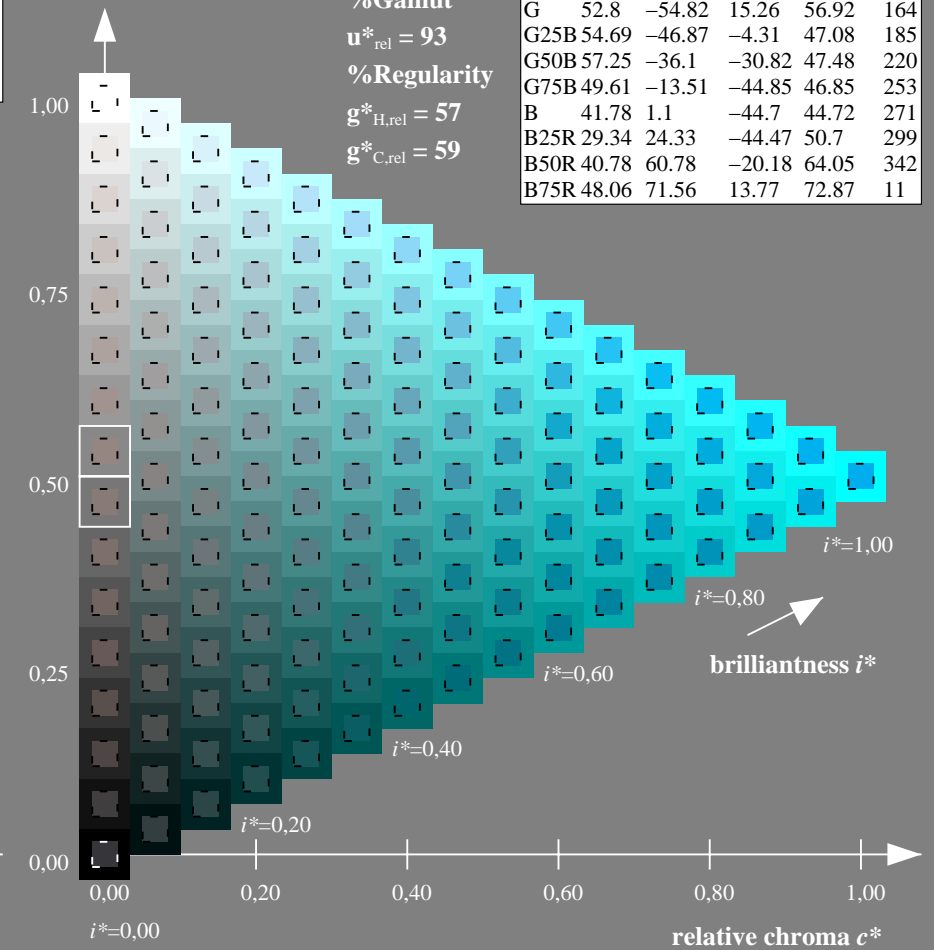
%Regularity

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

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

| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



ZE720-7N, 16 step scales for constant CIELAB hue 236/360 = 0.656 (right)

Input: Colorimetric Offset Reflective System ORS18

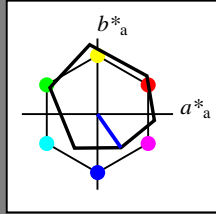
for hue $h^* = lab^*h = 305/360 = 0.847$

lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0



| 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 |
| R _{CIE} | 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 |

%Gamut

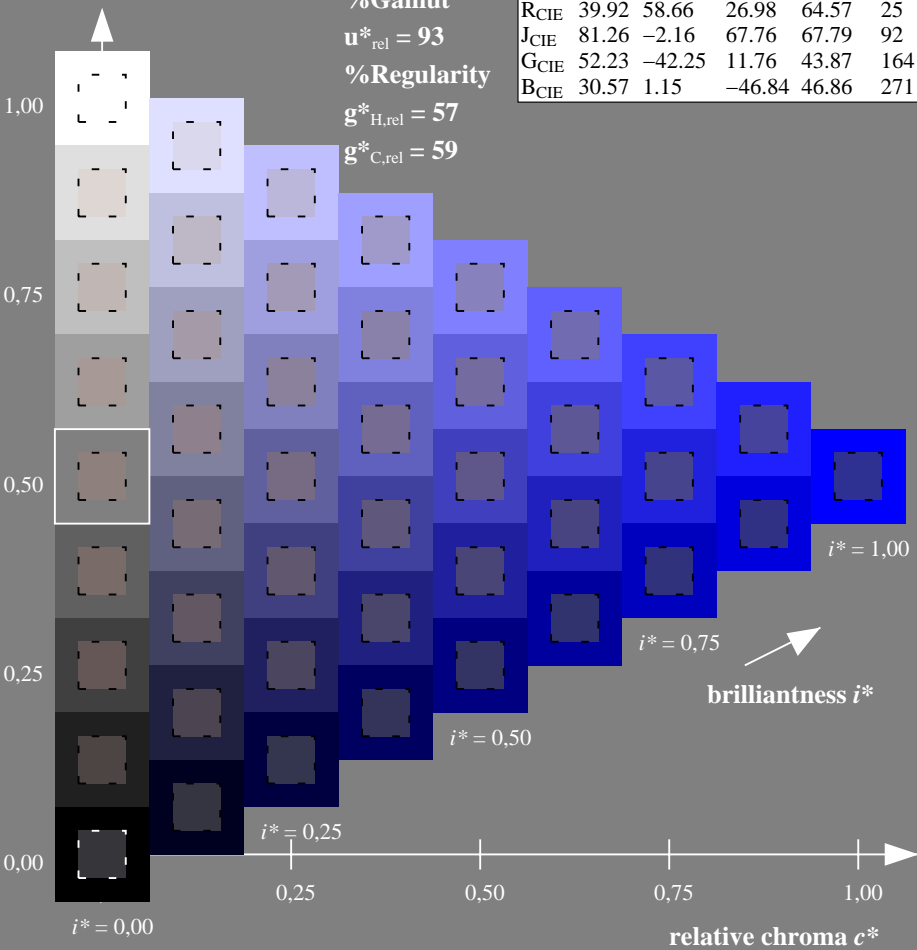
$u^*_{rel} = 93$

%Regularity

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

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

triangle lightness t^*



ZE720-7N, 9 step scales for constant CIELAB hue 305/360 = 0.847 (left)

Output: Colorimetric Offset Reflective System ORS18

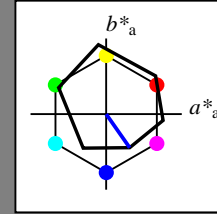
for hue $h^* = lab^*h = 305/360 = 0.847$

lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut

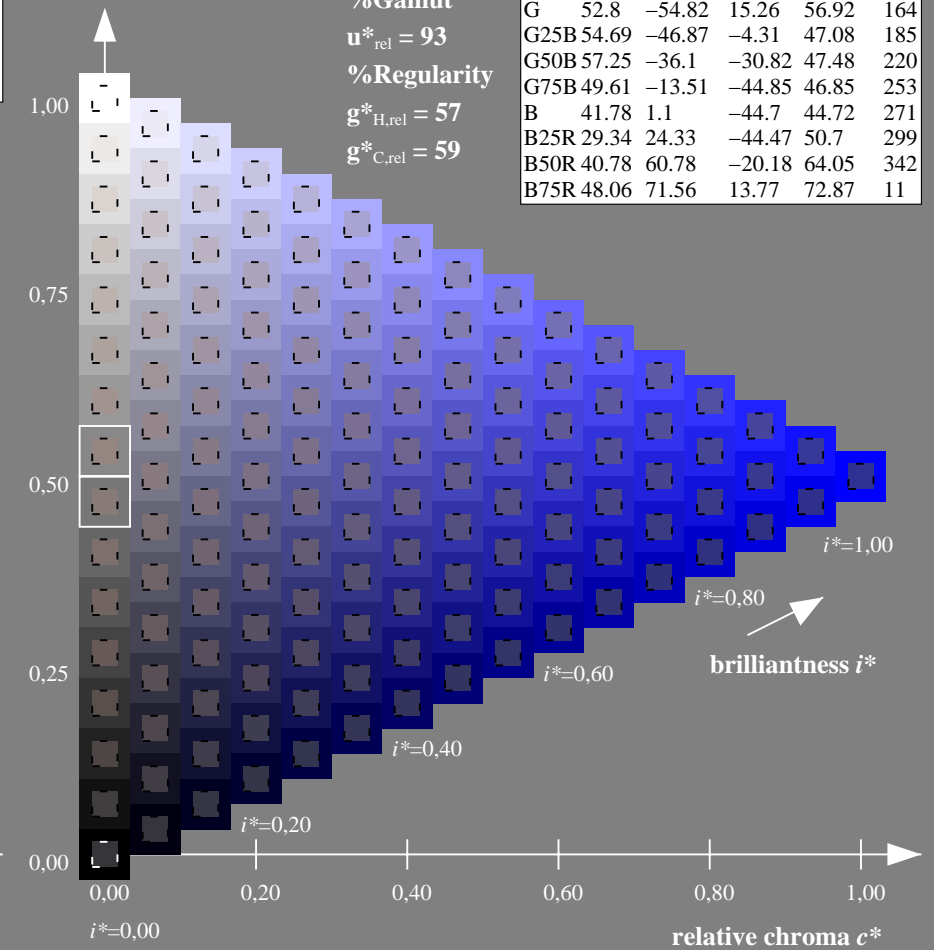
$u^*_{rel} = 93$

%Regularity

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

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

triangle lightness t^*



ZE720-7N, 16 step scales for constant CIELAB hue 305/360 = 0.847 (right)

Input: Colorimetric Offset Reflective System ORS18

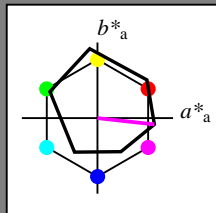
for hue $h^* = lab^*h = 354/360 = 0.982$

lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0



| 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 |
| R _{CIE} | 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 |

%Gamut

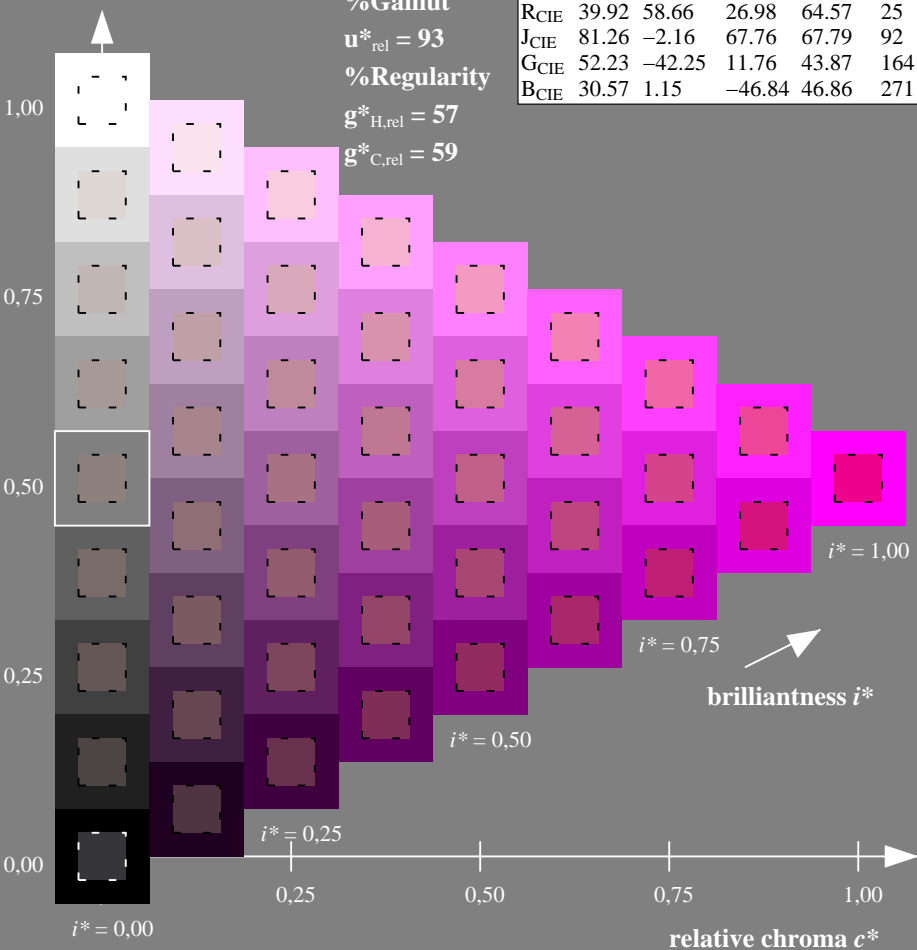
$u^*_{rel} = 93$

%Regularity

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

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

triangle lightness t^*



ZE720-7N, 9 step scales for constant CIELAB hue 354/360 = 0.982 (left)

Output: Colorimetric Offset Reflective System ORS18

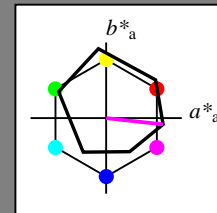
for hue $h^* = lab^*h = 354/360 = 0.982$

lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut

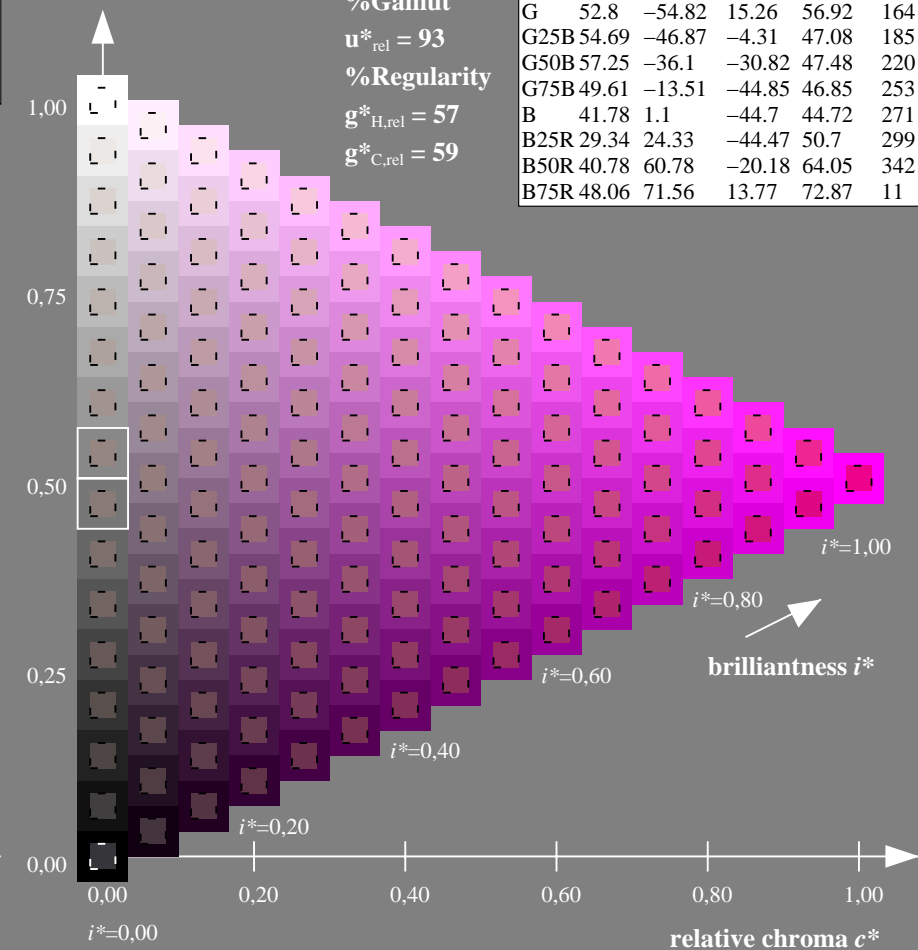
$u^*_{rel} = 93$

%Regularity

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

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

triangle lightness t^*



ZE720-7N, 16 step scales for constant CIELAB hue 354/360 = 0.982 (right)

Input: Colorimetric Offset Reflective System ORS18

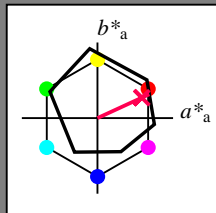
for hue $h^* = lab^*h = 25/360 = 0.069$

lab^*tch and lab^*nch

D65: hue R

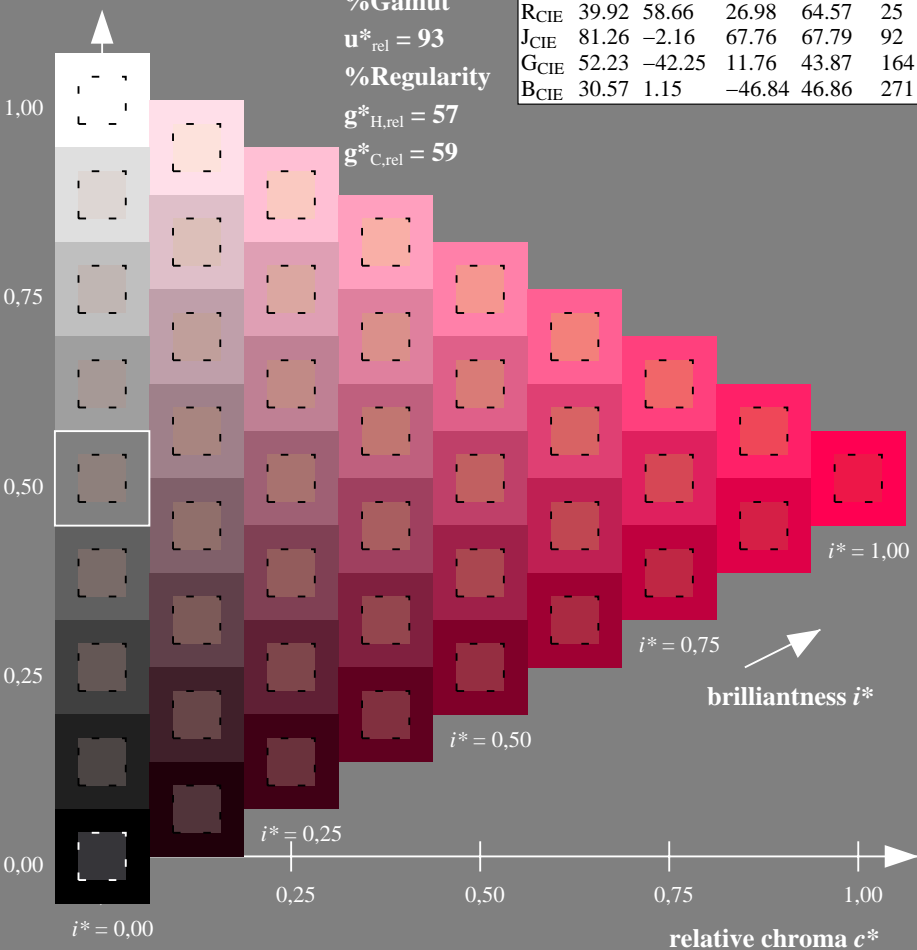
LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



ZE720-7N, 9 step scales for constant CIELAB hue 25/360 = 0.069 (left)

Output: Colorimetric Offset Reflective System ORS18

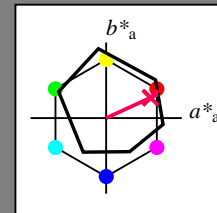
for hue $h^* = lab^*h = 25/360 = 0.069$

lab^*tch and lab^*nch

D65: hue R

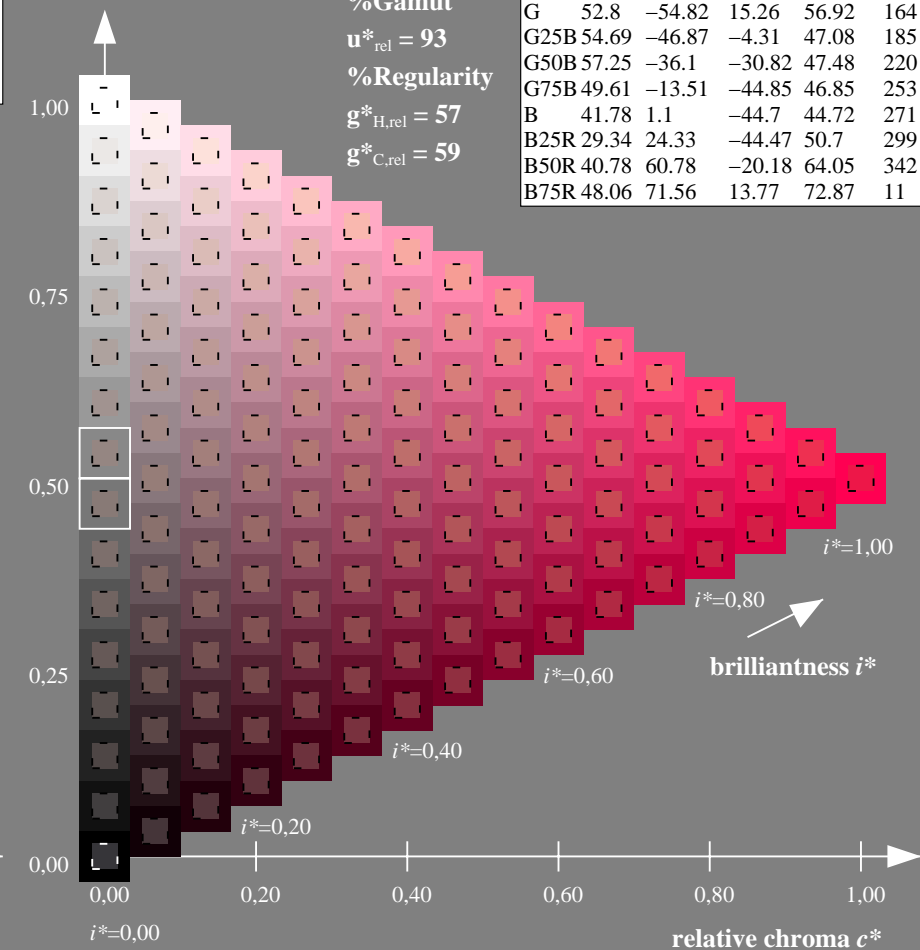
LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



ZE720-7N, 16 step scales for constant CIELAB hue 25/360 = 0.069 (right)

Input: Colorimetric Offset Reflective System ORS18

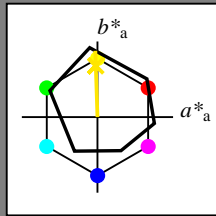
for hue $h^* = lab^*h = 92/360 = 0.255$

lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*

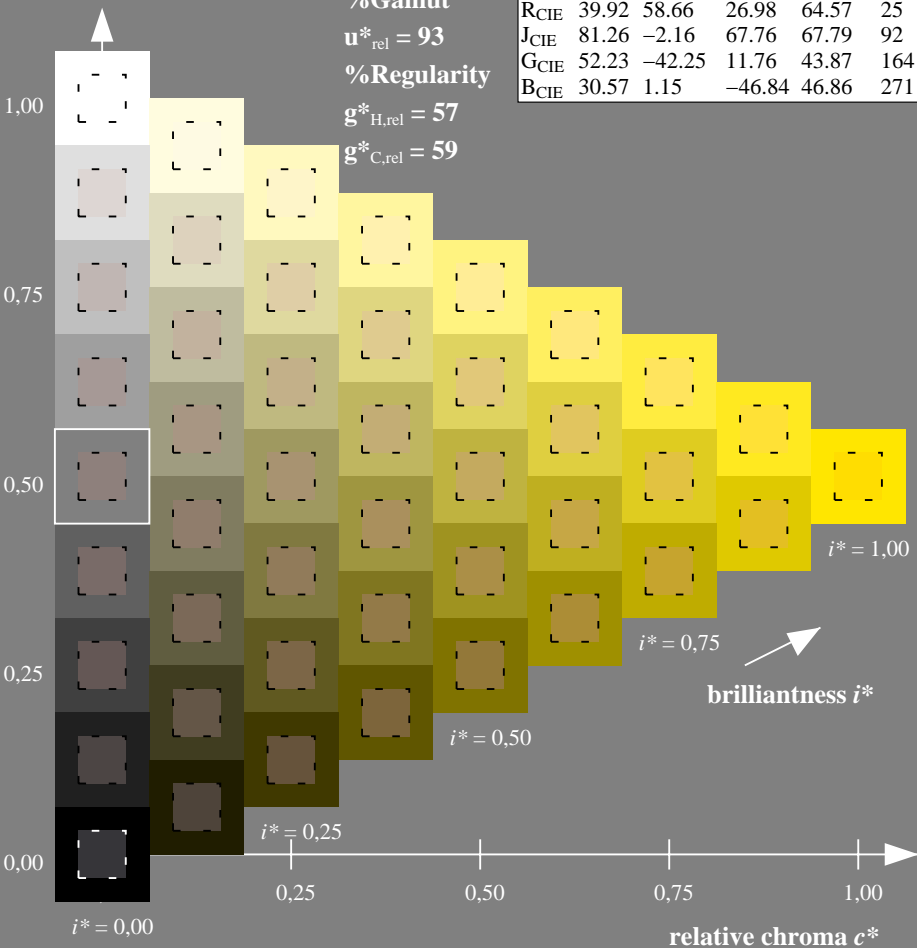
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 9 step scales for constant CIELAB hue 92/360 = 0.255 (left)

Output: Colorimetric Offset Reflective System ORS18

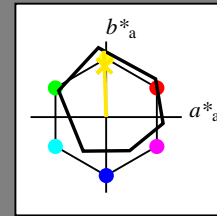
for hue $h^* = lab^*h = 92/360 = 0.255$

lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*

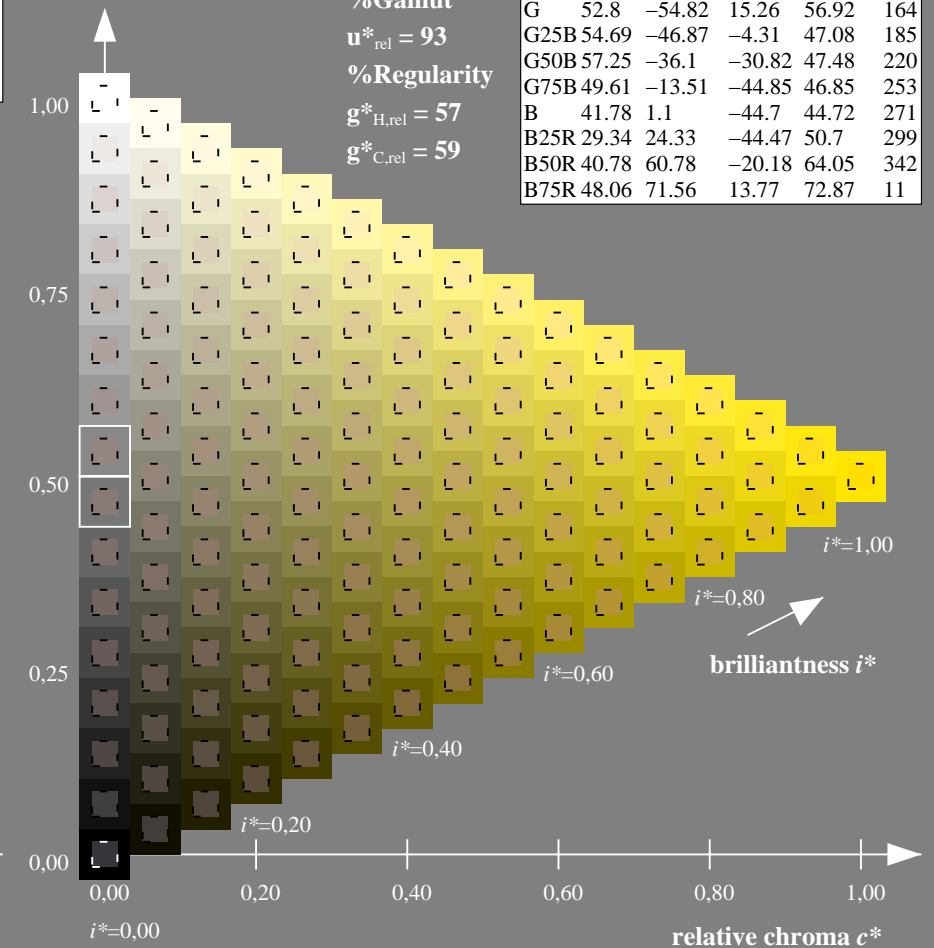
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 16 step scales for constant CIELAB hue 92/360 = 0.255 (right)

Input: Colorimetric Offset Reflective System ORS18

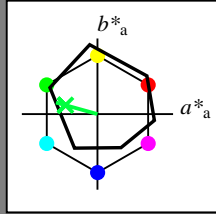
for hue $h^* = lab^*h = 164/360 = 0.457$

lab^*tch and lab^*nch

D65: hue G

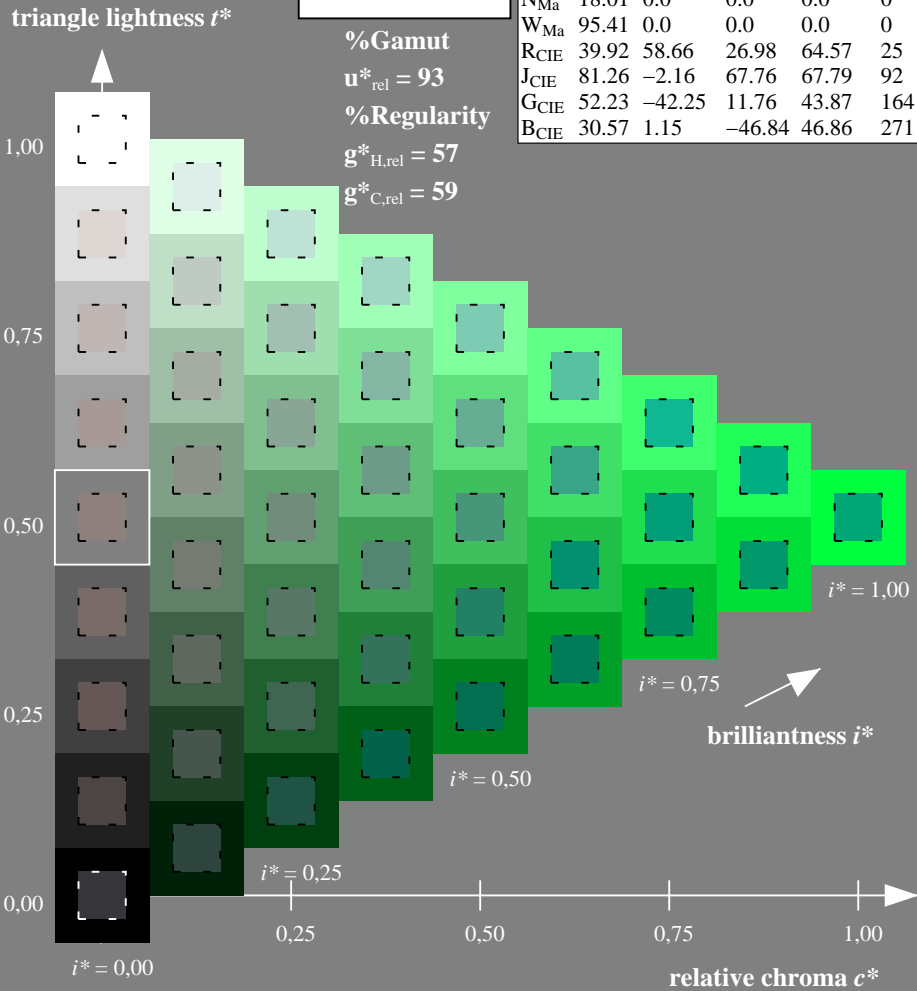
LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25



| 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 |
| R _{CIE} | 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 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 9 step scales for constant CIELAB hue 164/360 = 0.457 (left)

Output: Colorimetric Offset Reflective System ORS18

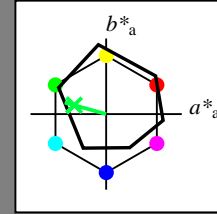
for hue $h^* = lab^*h = 164/360 = 0.457$

lab^*tch and lab^*nch

D65: hue G

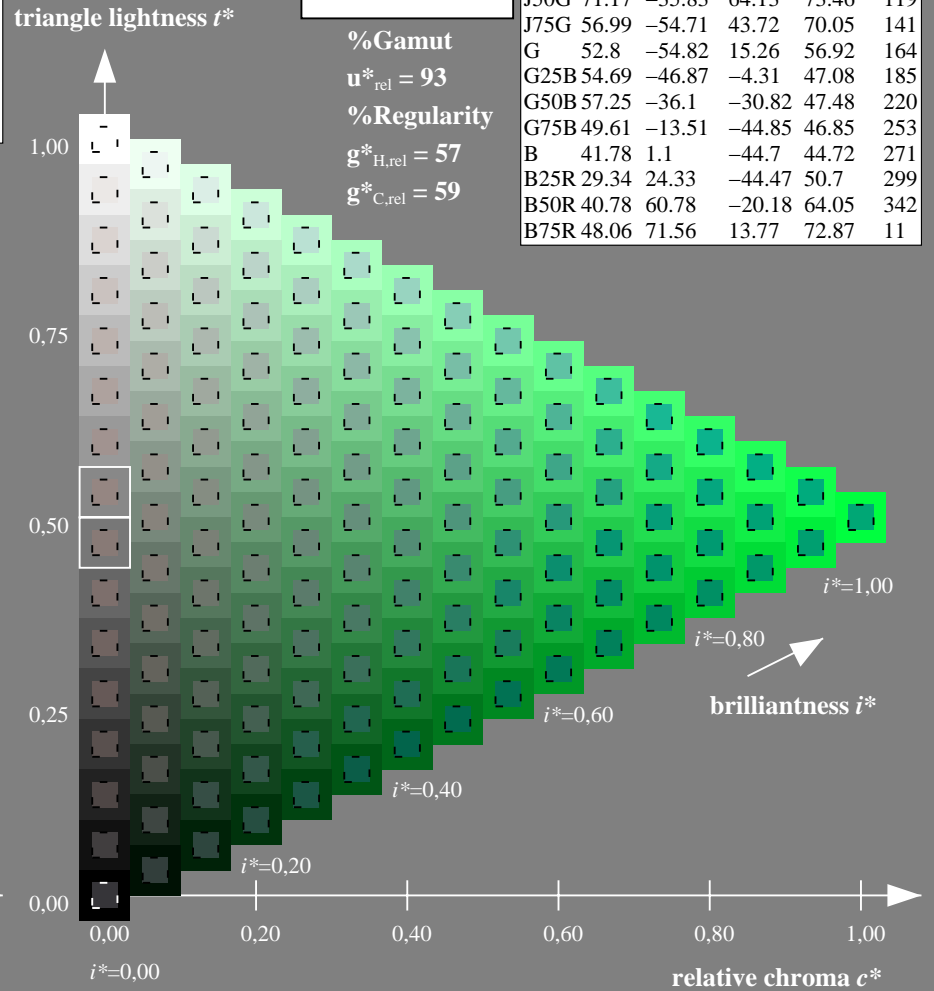
LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 411 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 16 step scales for constant CIELAB hue 164/360 = 0.457 (right)

Input: Colorimetric Offset Reflective System ORS18

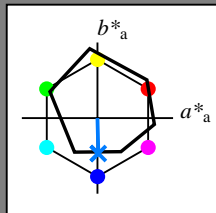
for hue $h^* = lab^*h = 271/360 = 0.754$

lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0



| 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 |
| R _{CIE} | 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 |

%Gamut

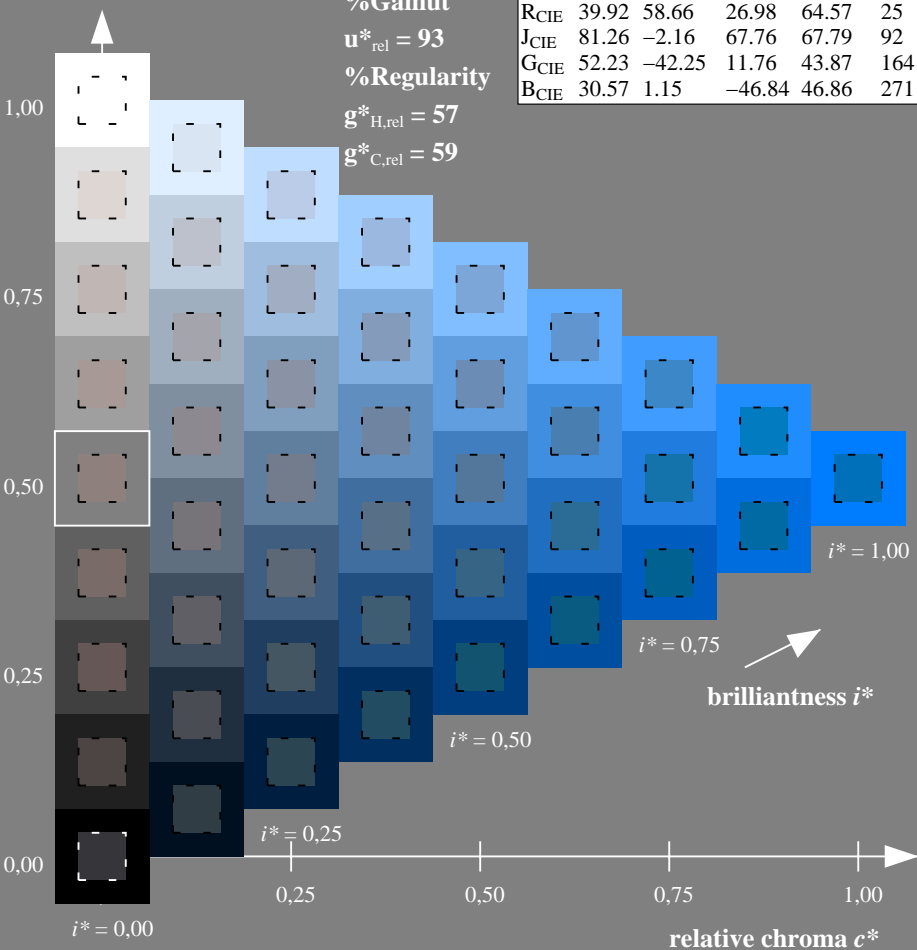
$u^*_{rel} = 93$

%Regularity

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

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

triangle lightness t^*



ZE720-7N, 9 step scales for constant CIELAB hue 271/360 = 0.754 (left)

Output: Colorimetric Offset Reflective System ORS18

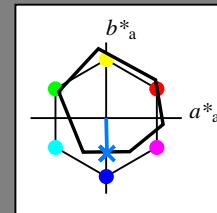
for hue $h^* = lab^*h = 271/360 = 0.754$

lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut

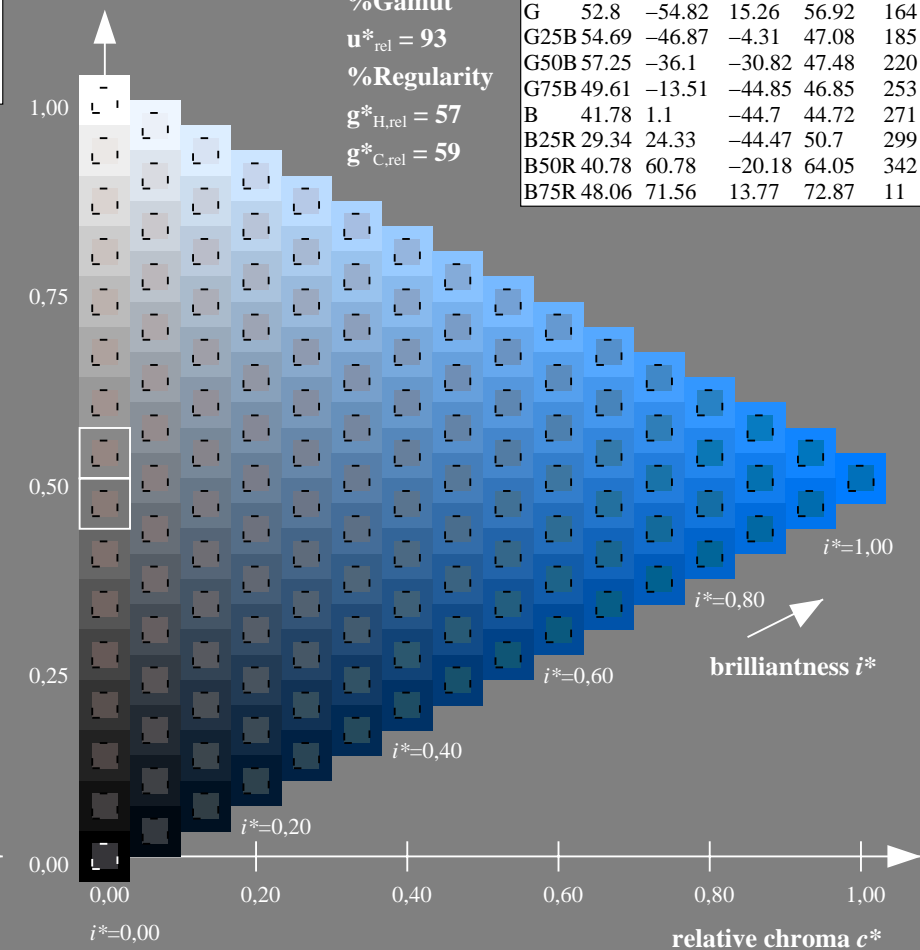
$u^*_{rel} = 93$

%Regularity

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

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

triangle lightness t^*



ZE720-7N, 16 step scales for constant CIELAB hue 271/360 = 0.754 (right)

Input: Colorimetric Offset Reflective System ORS18

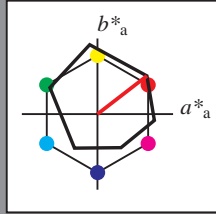
for hue $h^* = lab^*h = 38/360 = 0.105$

lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*

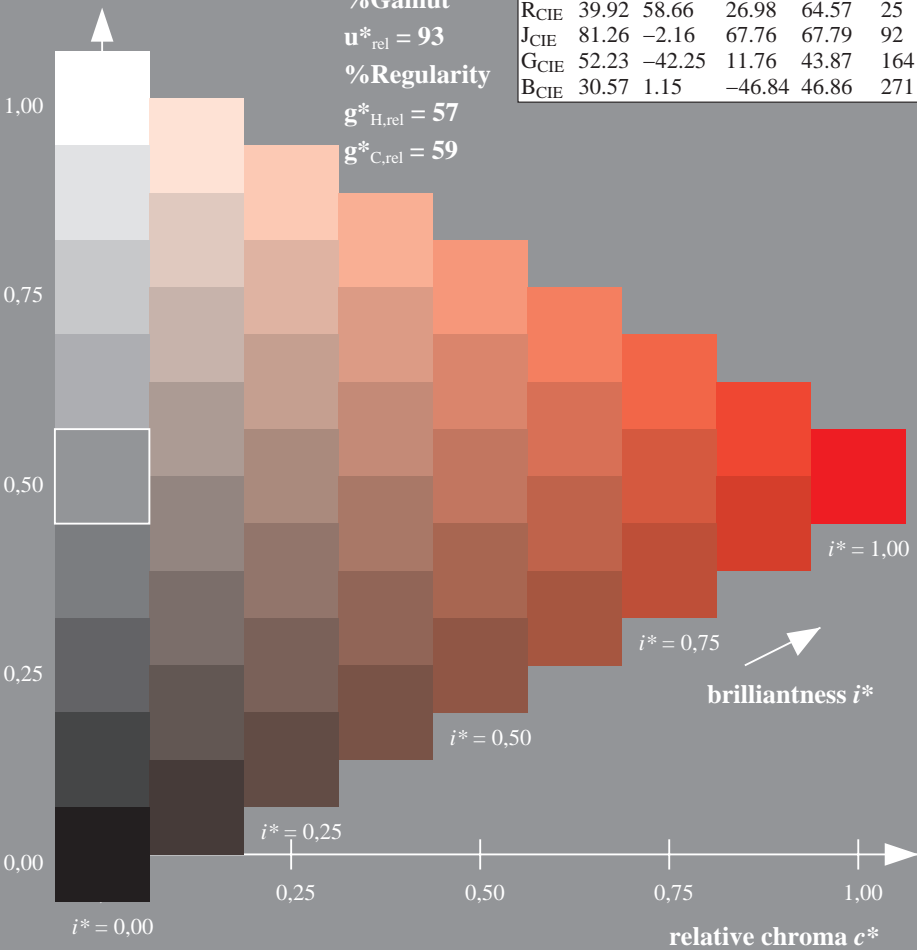
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 9 step scales for constant CIELAB hue 38/360 = 0.105 (left)

Output: Colorimetric Offset Reflective System ORS18

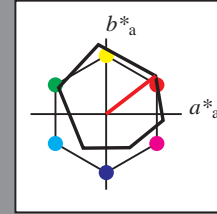
for hue $h^* = lab^*h = 38/360 = 0.105$

lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*

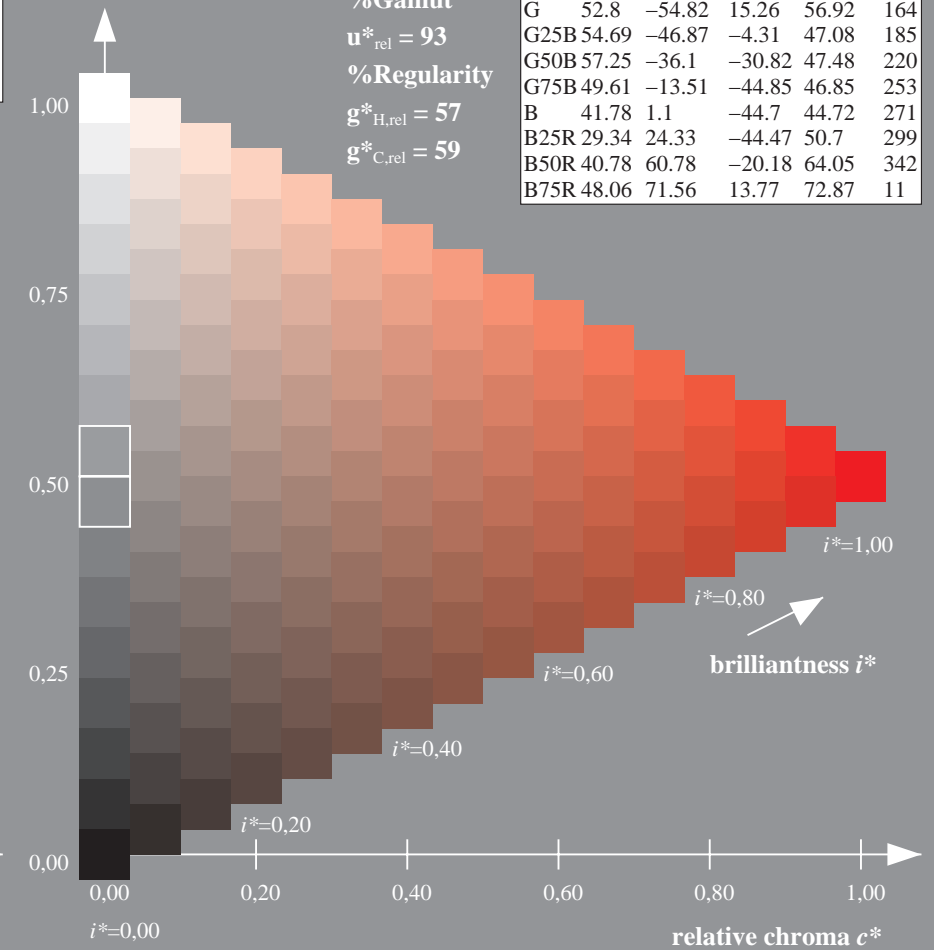
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 16 step scales for constant CIELAB hue 38/360 = 0.105 (right)

Input: Colorimetric Offset Reflective System ORS18

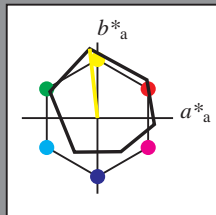
for hue $h^* = lab^*h = 96/360 = 0.268$

lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*

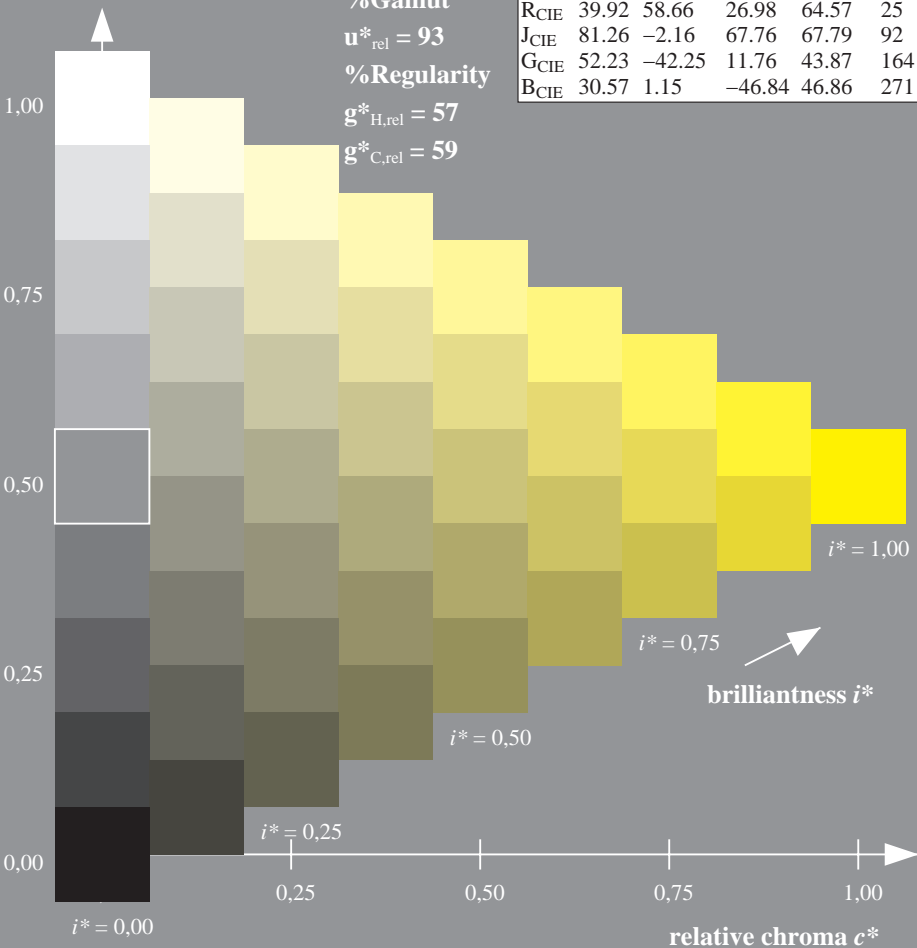
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 9 step scales for constant CIELAB hue 96/360 = 0.268 (left)

Output: Colorimetric Offset Reflective System ORS18

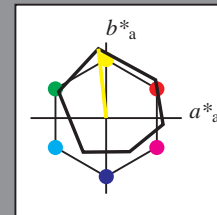
for hue $h^* = lab^*h = 96/360 = 0.268$

lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*

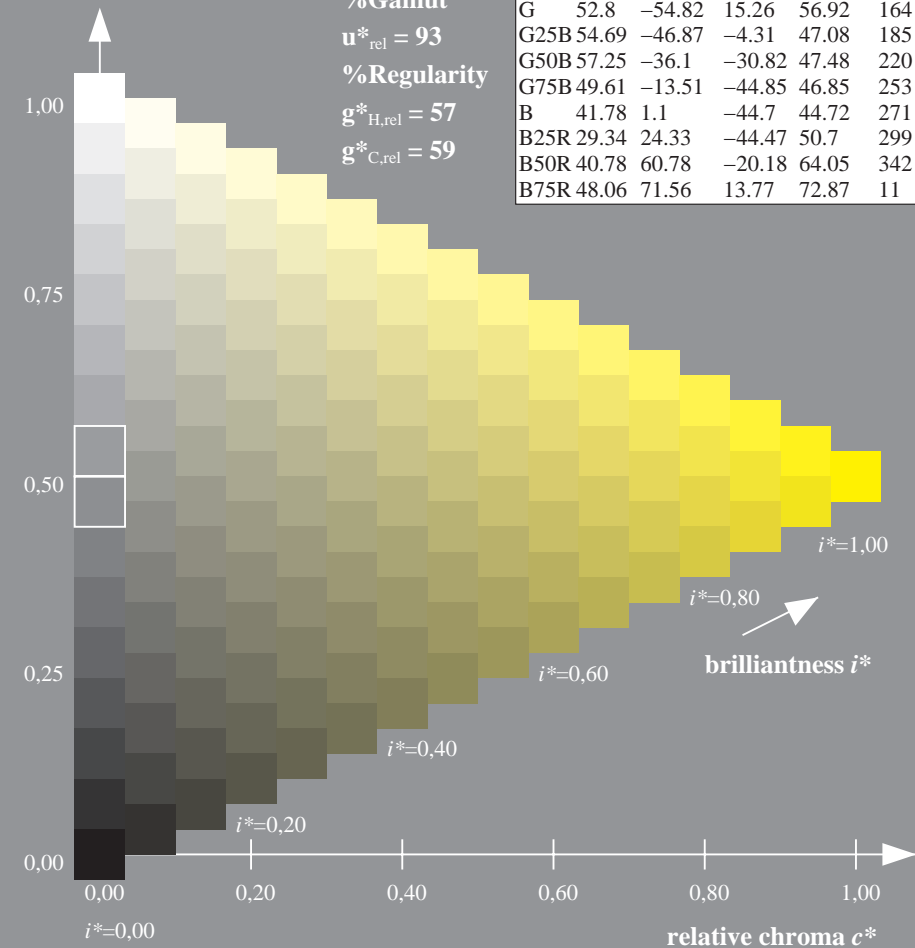
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 16 step scales for constant CIELAB hue 96/360 = 0.268 (right)

Input: Colorimetric Offset Reflective System ORS18

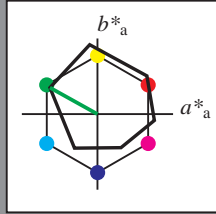
for hue $h^* = lab^*h = 151/360 = 0.419$

lab^*tch and lab^*nch

D65: hue L

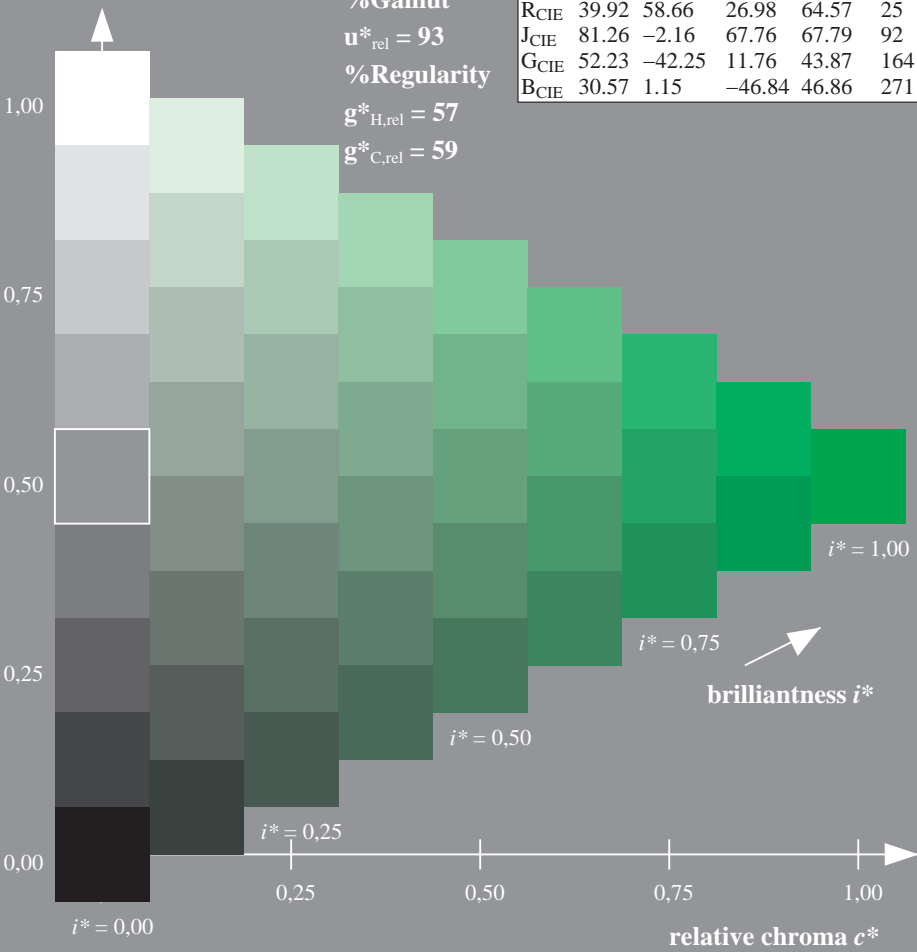
LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

Output: Colorimetric Offset Reflective System ORS18

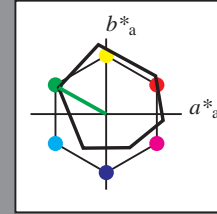
for hue $h^* = lab^*h = 151/360 = 0.419$

lab^*tch and lab^*nch

D65: hue L

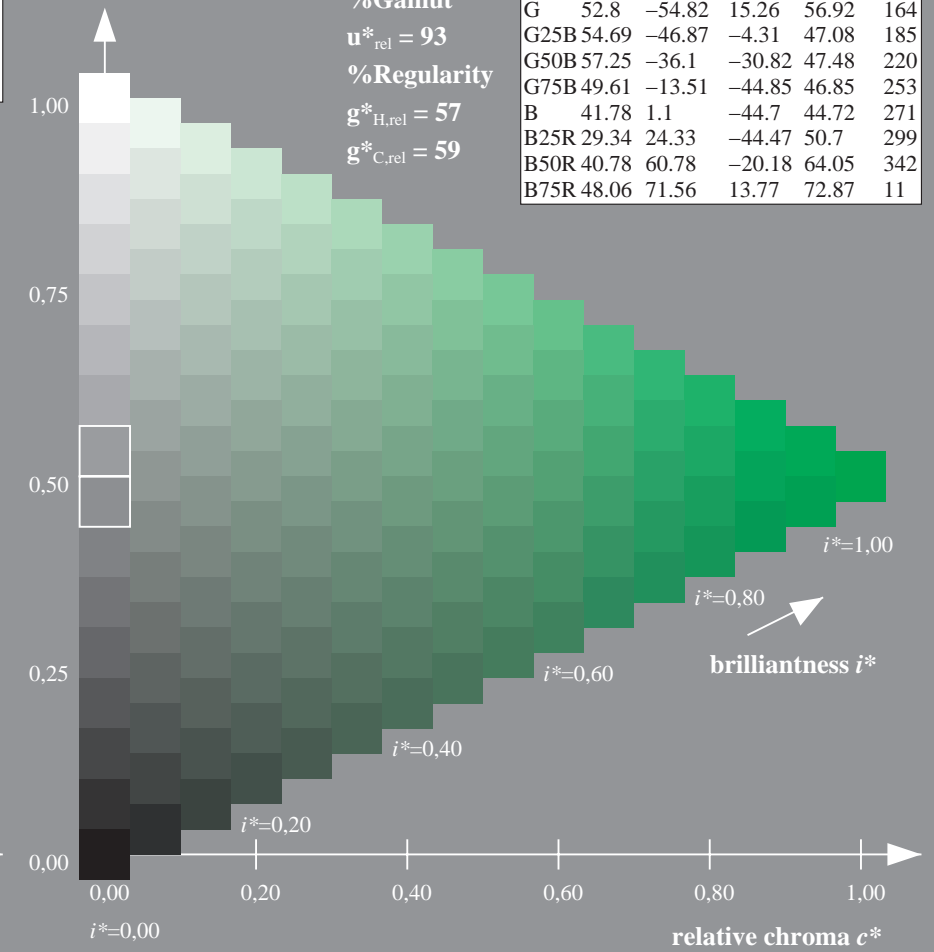
LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ZE720-7N, 9 step scales for constant CIELAB hue 151/360 = 0.419 (left)

ZE720-7N, 16 step scales for constant CIELAB hue 151/360 = 0.419 (right)

Input: Colorimetric Offset Reflective System ORS18

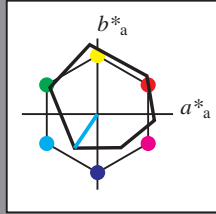
for hue $h^* = lab^*h = 236/360 = 0.656$

lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*

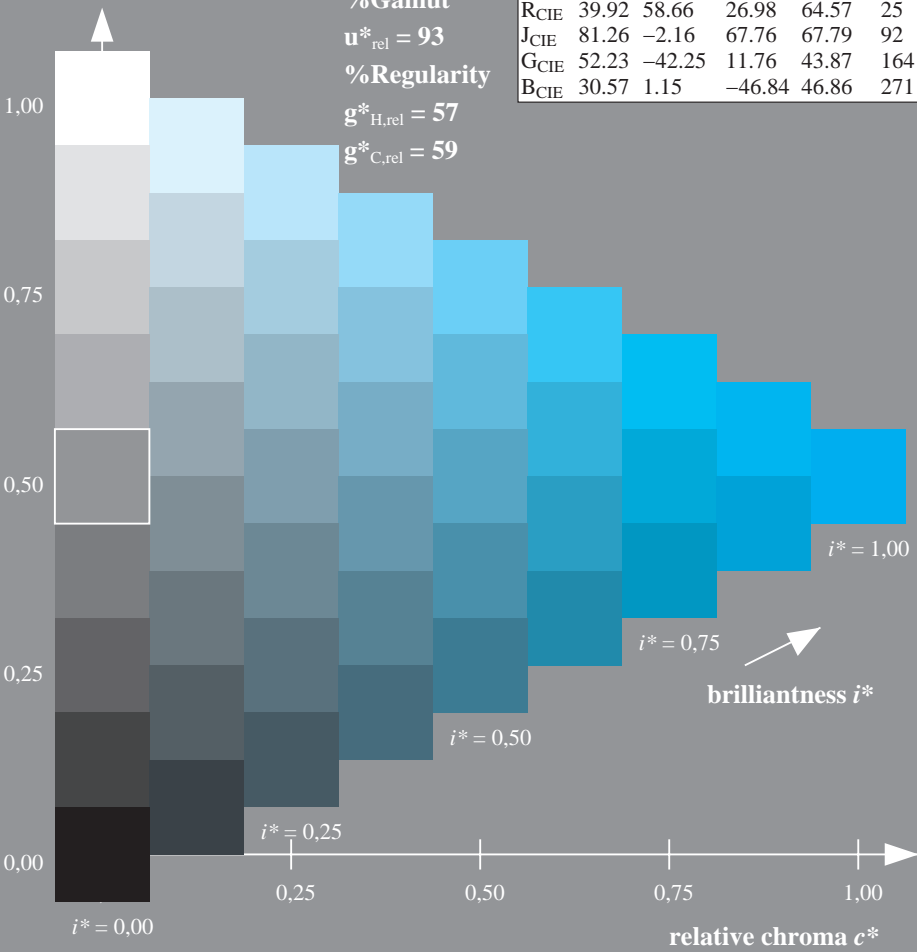
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 9 step scales for constant CIELAB hue 236/360 = 0.656 (left)

Output: Colorimetric Offset Reflective System ORS18

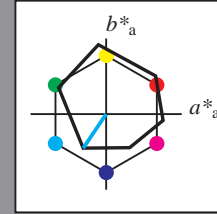
for hue $h^* = lab^*h = 236/360 = 0.656$

lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*

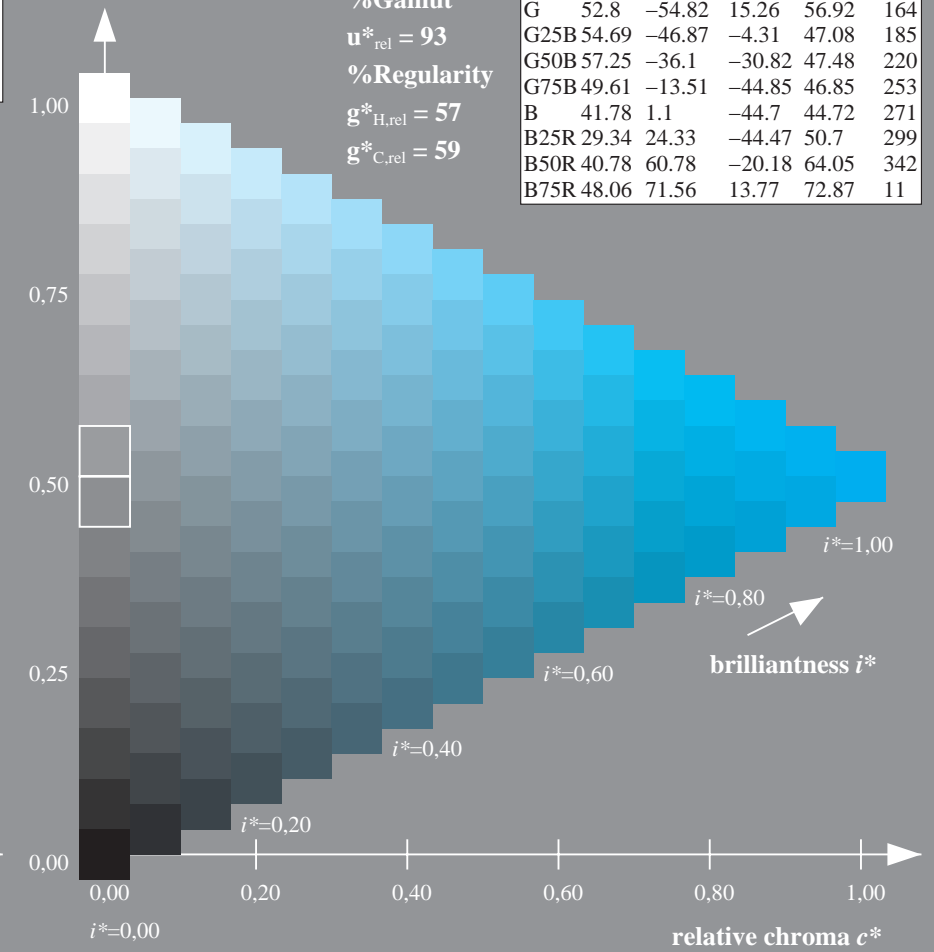
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 16 step scales for constant CIELAB hue 236/360 = 0.656 (right)

Input: Colorimetric Offset Reflective System ORS18

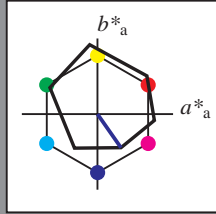
for hue $h^* = lab^*h = 305/360 = 0.847$

lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 26 54 305

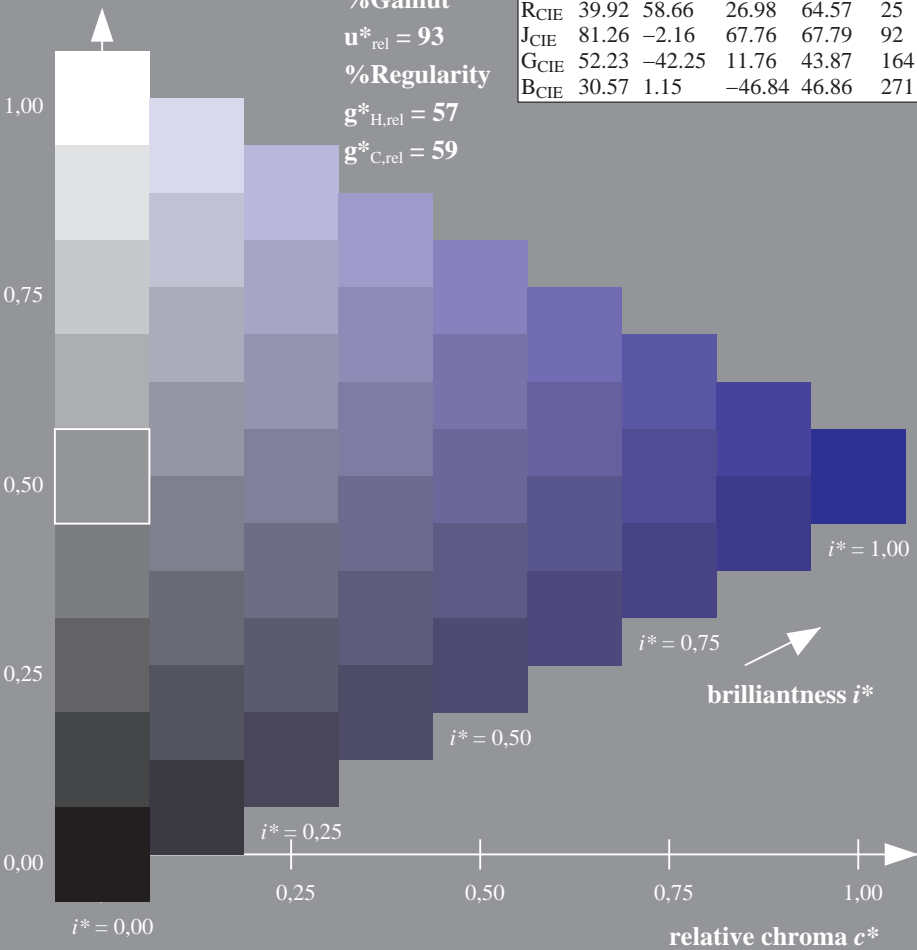
olv*Ma: 0.0 0.0 1.0



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 |
| R _{CIE} | 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 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

Output: Colorimetric Offset Reflective System ORS18

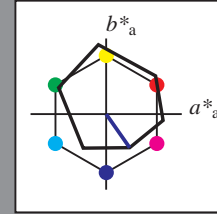
for hue $h^* = lab^*h = 305/360 = 0.847$

lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 26 54 305

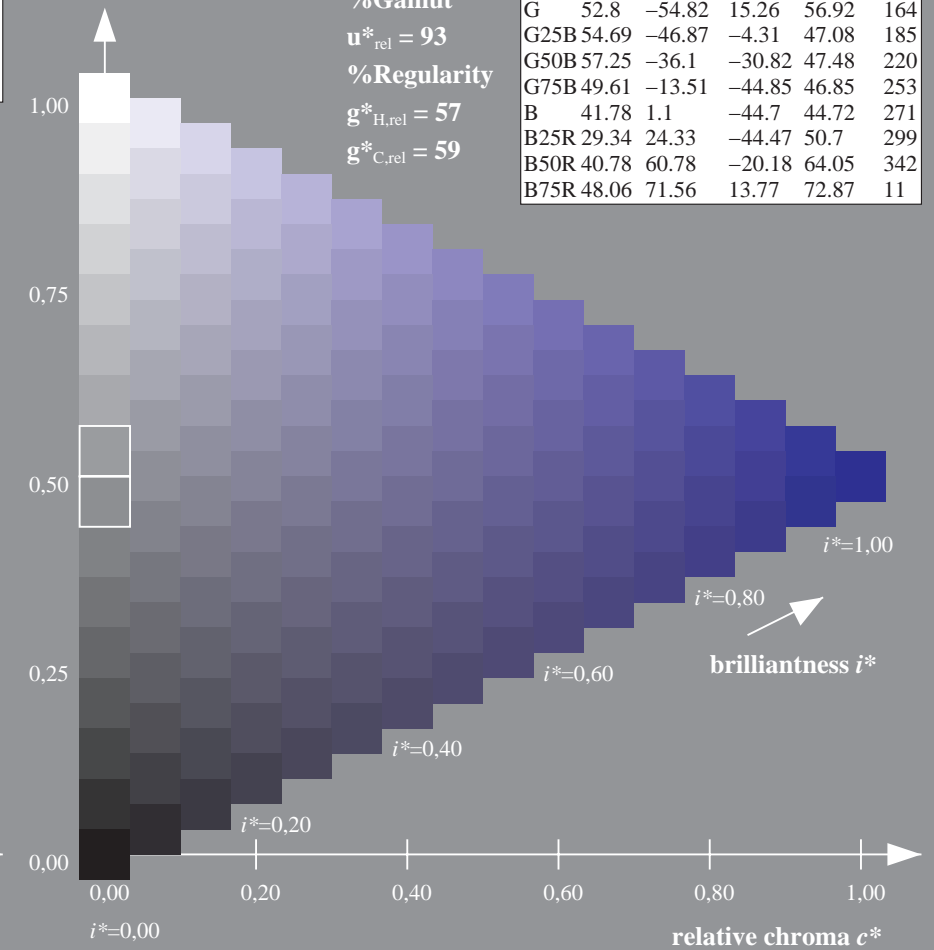
olv*Ma: 0.0 0.0 1.0



ORS18; adapted (a) CIELAB data

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ZE720-7N, 9 step scales for constant CIELAB hue 305/360 = 0.847 (left)

ZE720-7N, 16 step scales for constant CIELAB hue 305/360 = 0.847 (right)

Input: Colorimetric Offset Reflective System ORS18

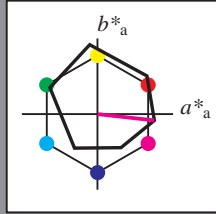
for hue $h^* = lab^*h = 354/360 = 0.982$

lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*

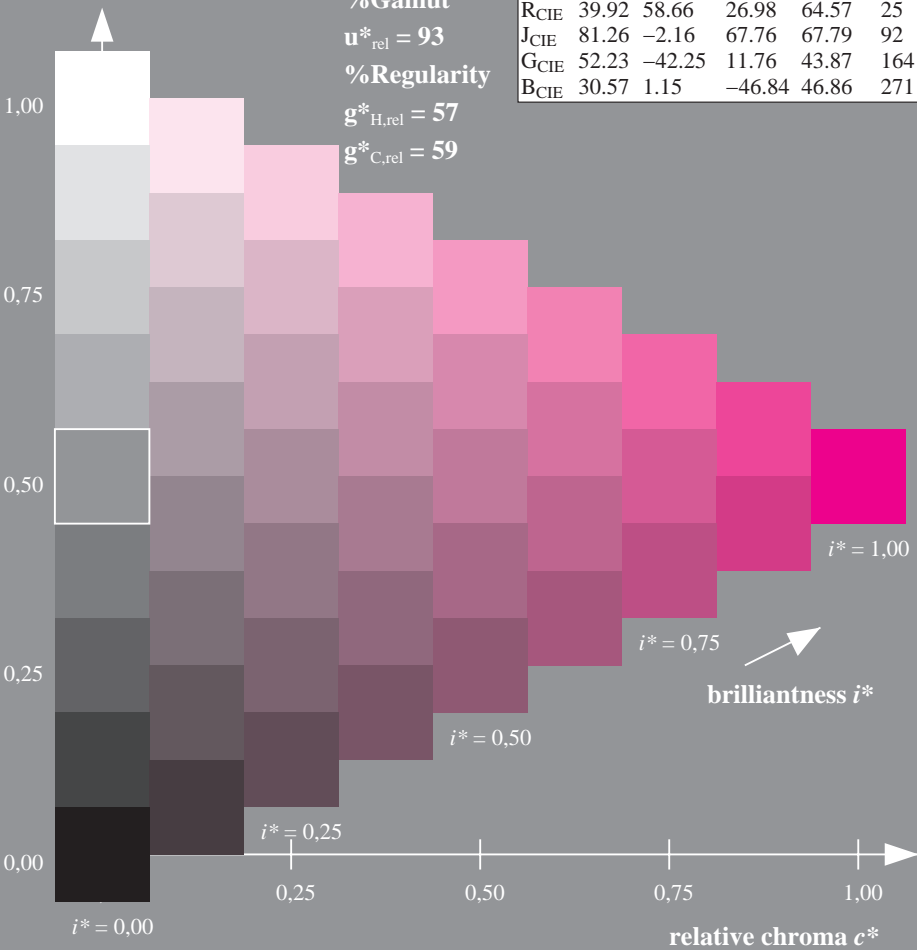
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 9 step scales for constant CIELAB hue 354/360 = 0.982 (left)

Output: Colorimetric Offset Reflective System ORS18

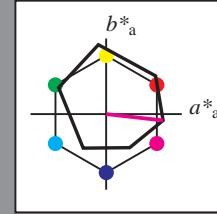
for hue $h^* = lab^*h = 354/360 = 0.982$

lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*

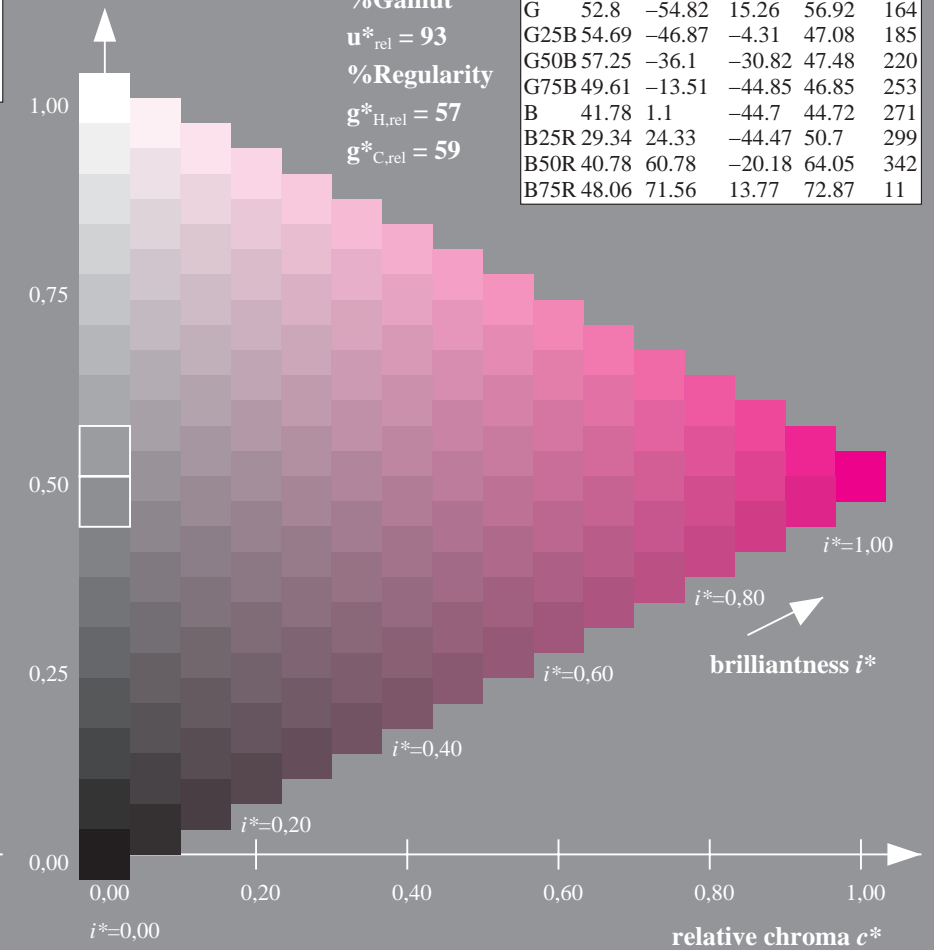
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 16 step scales for constant CIELAB hue 354/360 = 0.982 (right)

Input: Colorimetric Offset Reflective System ORS18

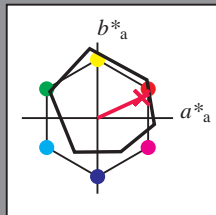
for hue $h^* = lab^*h = 25/360 = 0.069$

lab^*tch and lab^*nch

D65: hue R

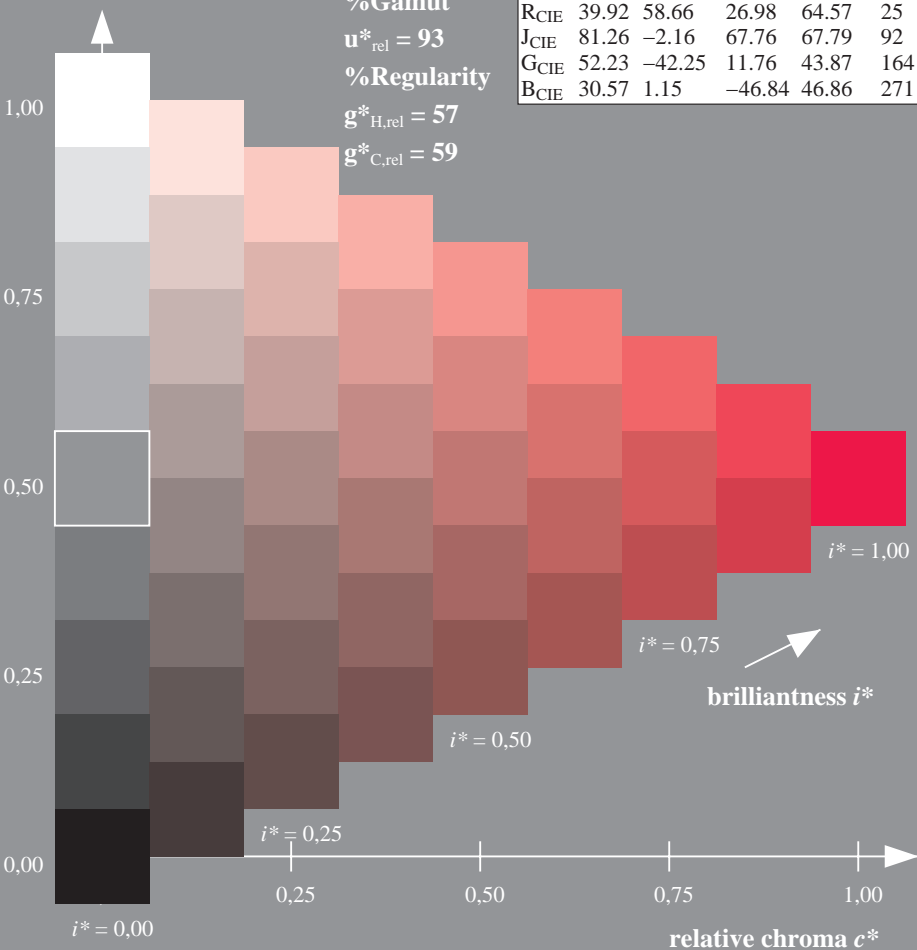
LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

Output: Colorimetric Offset Reflective System ORS18

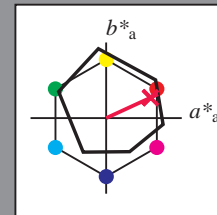
for hue $h^* = lab^*h = 25/360 = 0.069$

lab^*tch and lab^*nch

D65: hue R

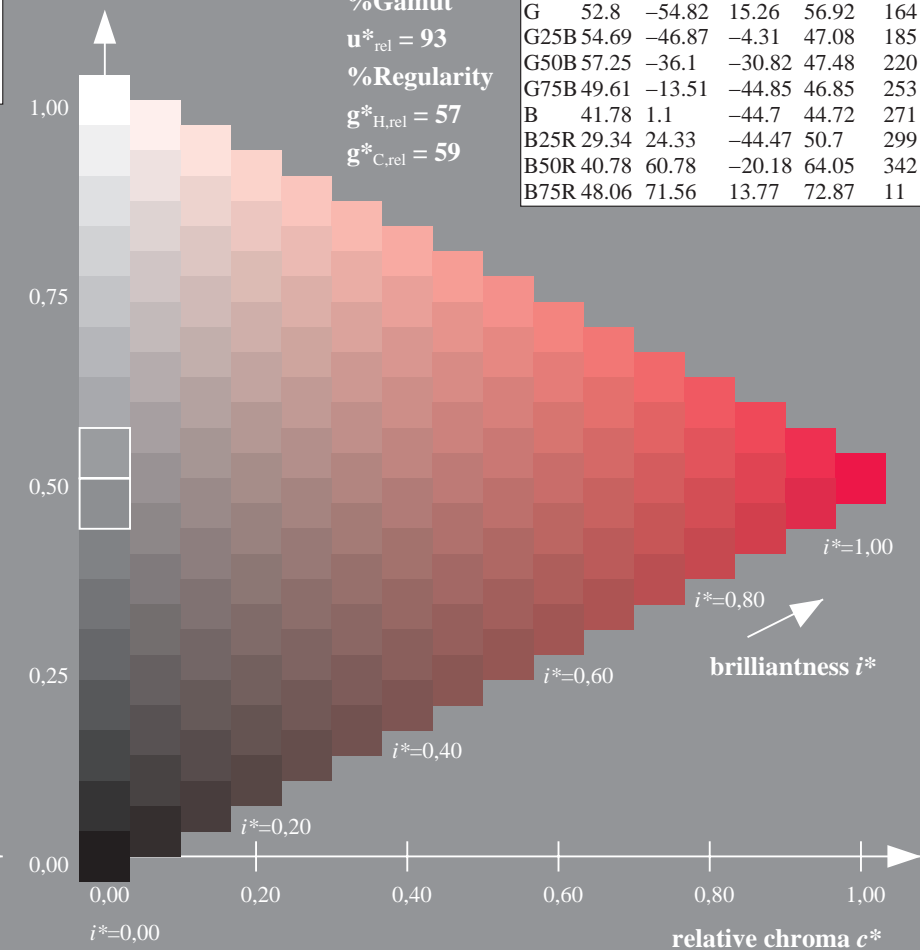
LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ZE720-7N, 9 step scales for constant CIELAB hue 25/360 = 0.069 (left)

ZE720-7N, 16 step scales for constant CIELAB hue 25/360 = 0.069 (right)

Input: Colorimetric Offset Reflective System ORS18

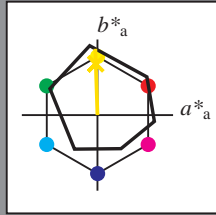
for hue $h^* = lab^*h = 92/360 = 0.255$

lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

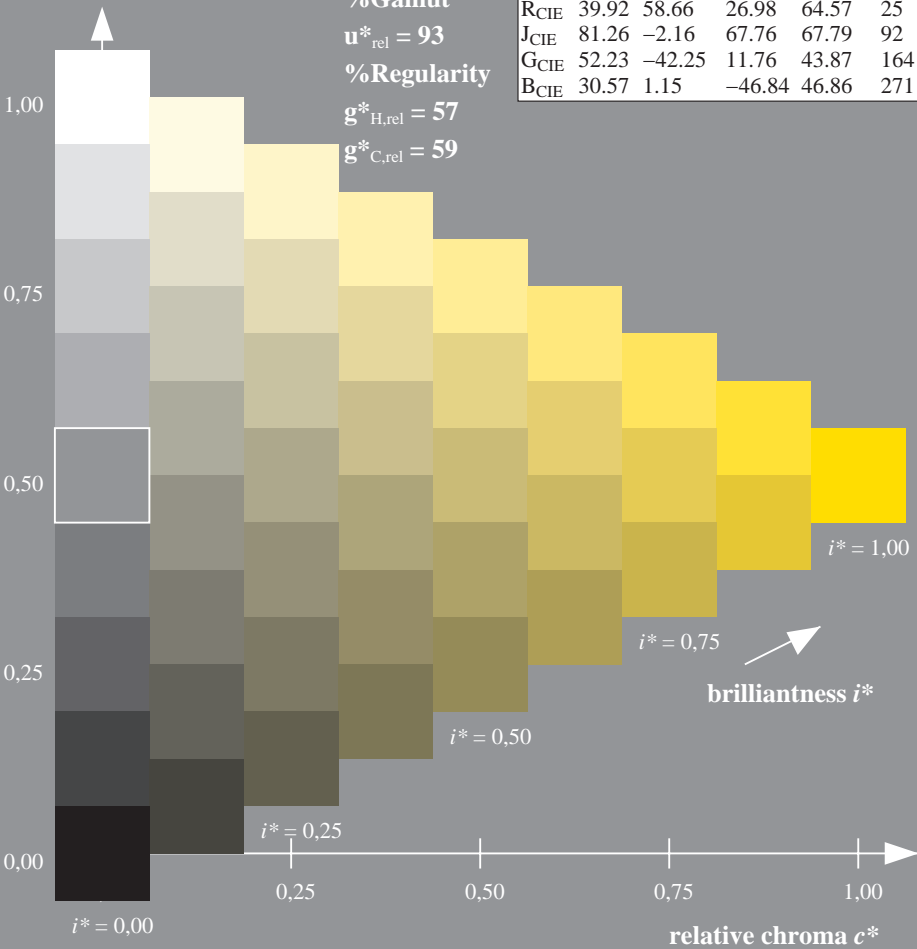
olv*Ma: 1.0 0.9 0.0



| 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 |
| R _{CIE} | 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 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

triangle lightness t^*



ZE720-7N, 9 step scales for constant CIELAB hue 92/360 = 0.255 (left)

Output: Colorimetric Offset Reflective System ORS18

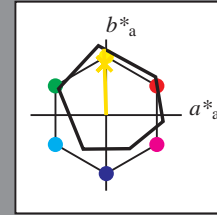
for hue $h^* = lab^*h = 92/360 = 0.255$

lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

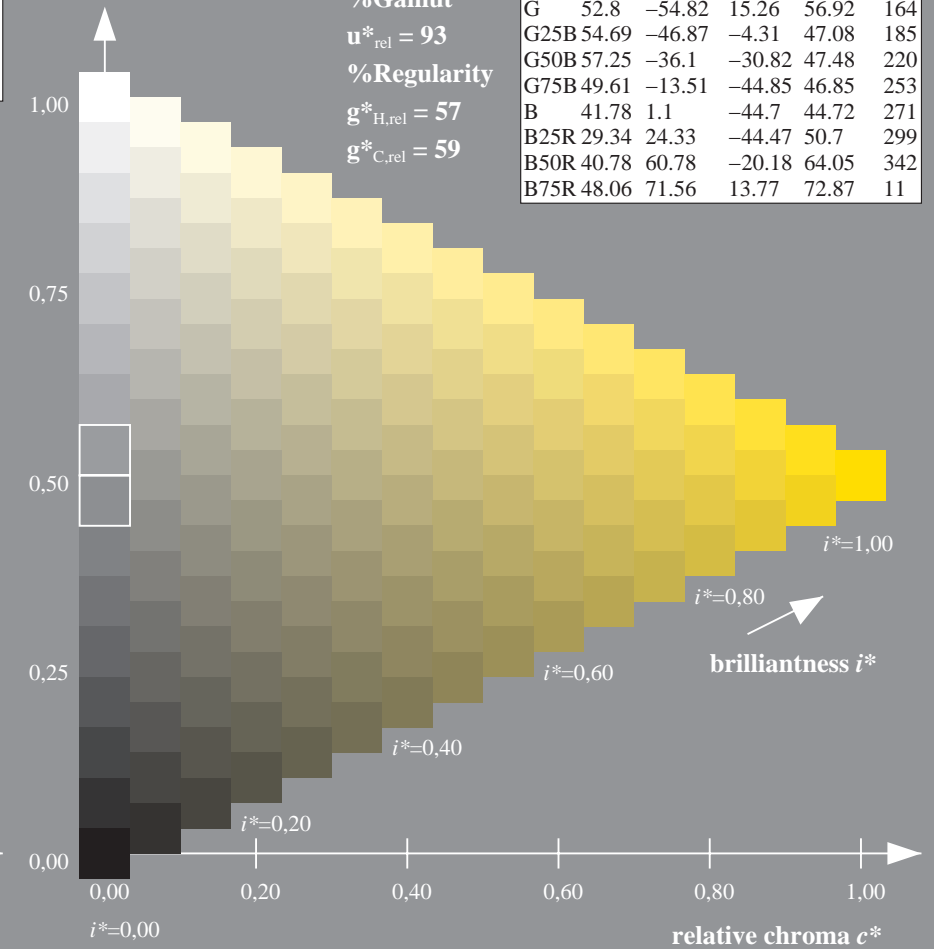
olv*Ma: 1.0 0.9 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

triangle lightness t^*



ZE720-7N, 16 step scales for constant CIELAB hue 92/360 = 0.255 (right)

Input: Colorimetric Offset Reflective System ORS18

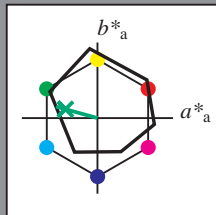
for hue $h^* = lab^*h = 164/360 = 0.457$

lab^*tch and lab^*nch

D65: hue G

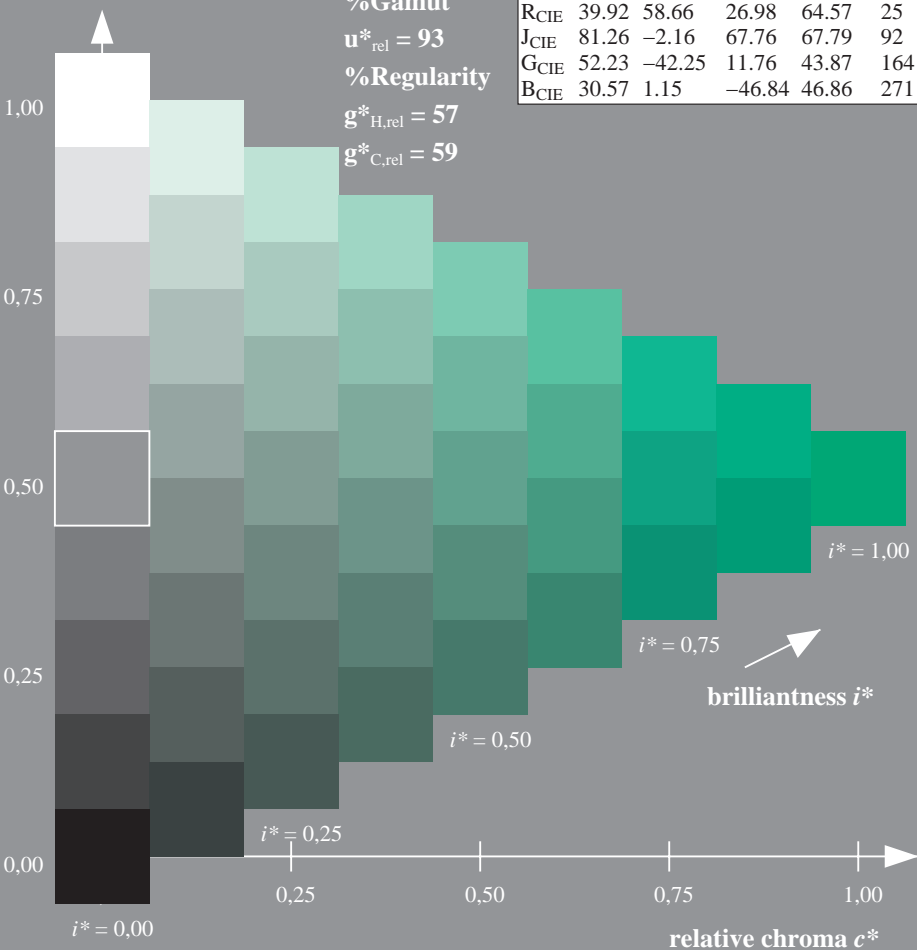
LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

Output: Colorimetric Offset Reflective System ORS18

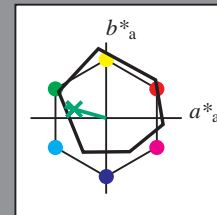
for hue $h^* = lab^*h = 164/360 = 0.457$

lab^*tch and lab^*nch

D65: hue G

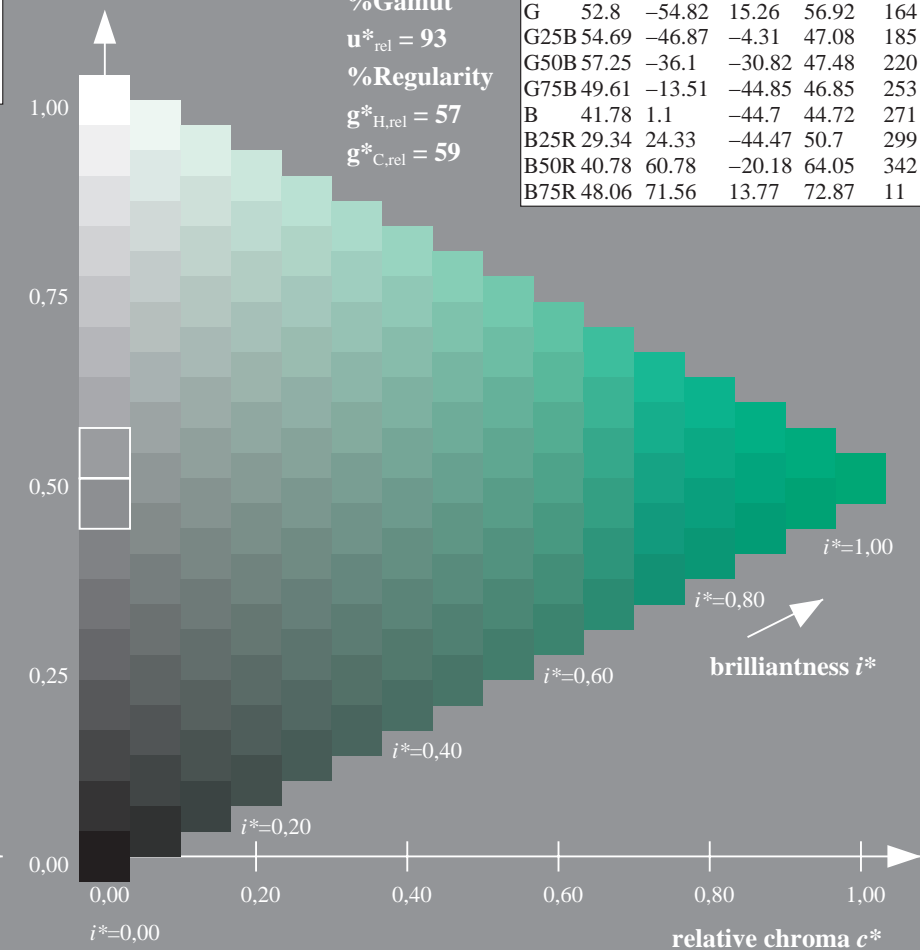
LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ZE720-7N, 9 step scales for constant CIELAB hue 164/360 = 0.457 (left)

ZE720-7N, 16 step scales for constant CIELAB hue 164/360 = 0.457 (right)

Input: Colorimetric Offset Reflective System ORS18

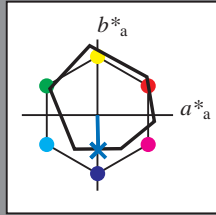
for hue $h^* = lab^*h = 271/360 = 0.754$

lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0



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 |
| R _{CIE} | 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 |

triangle lightness t^*

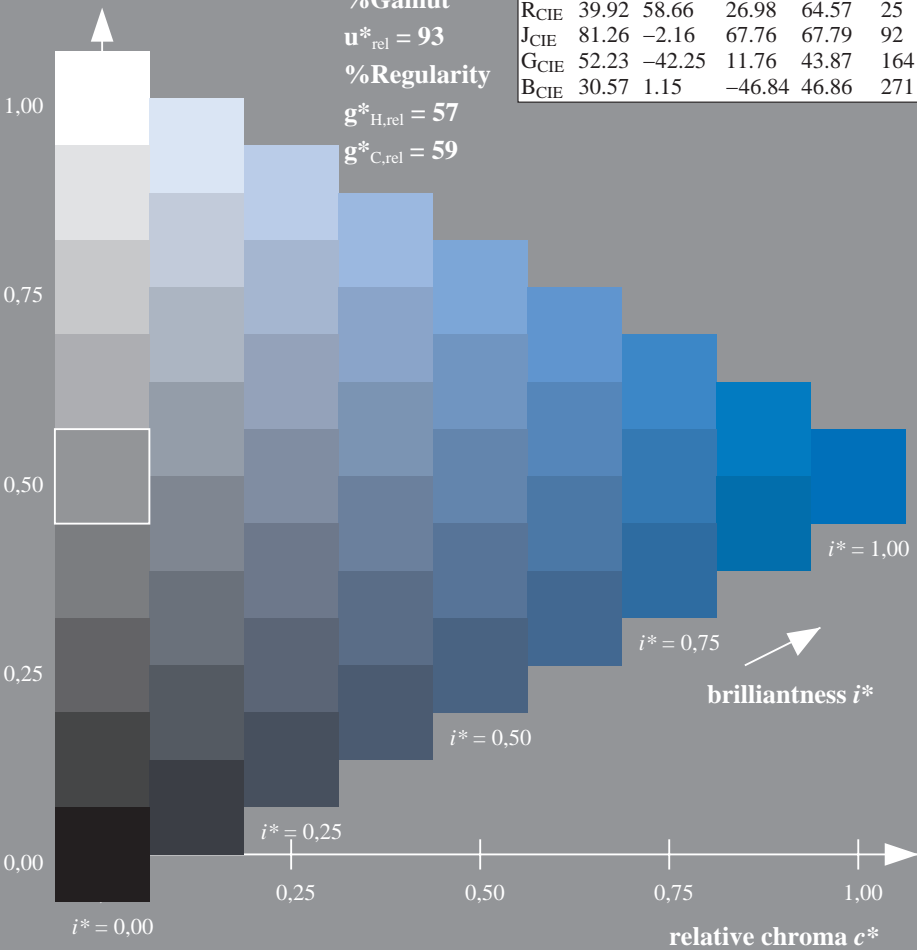
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



Output: Colorimetric Offset Reflective System ORS18

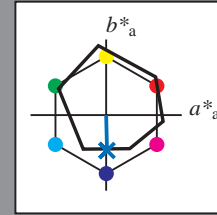
for hue $h^* = lab^*h = 271/360 = 0.754$

lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0



ORS18; adapted (a) CIELAB data

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*

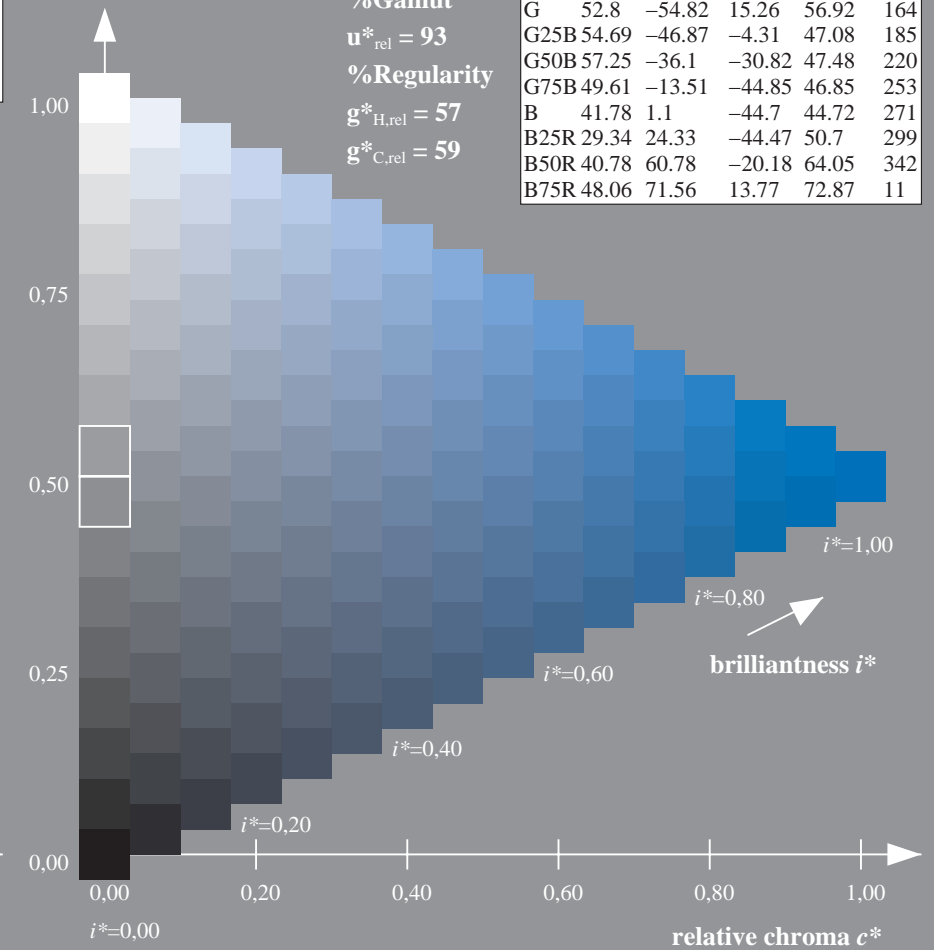
%Gamut

$u^*_{rel} = 93$

%Regularity

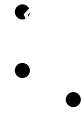
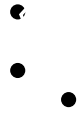
$g^*_{H,rel} = 57$

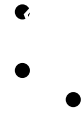
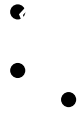
$g^*_{C,rel} = 59$

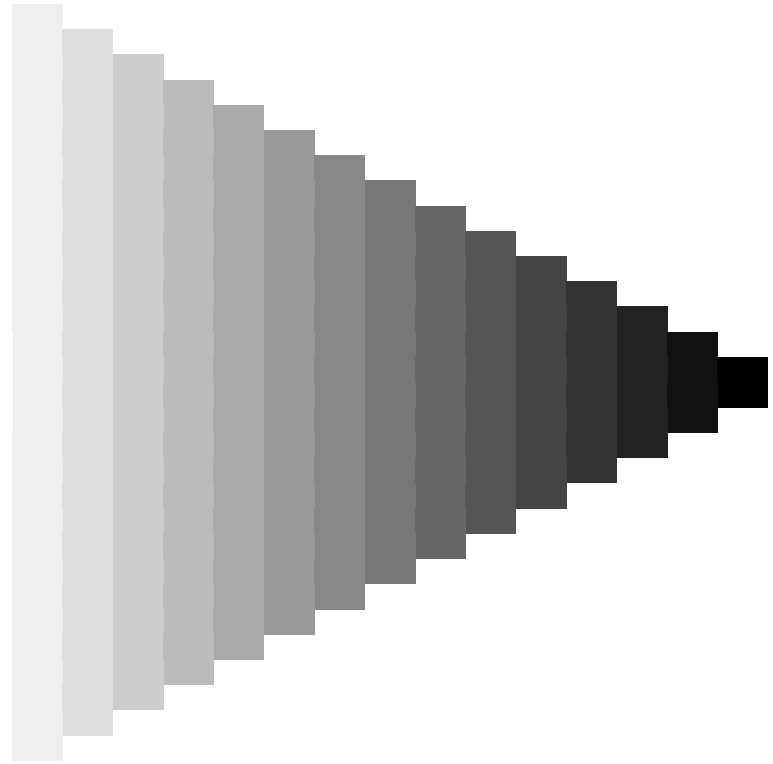
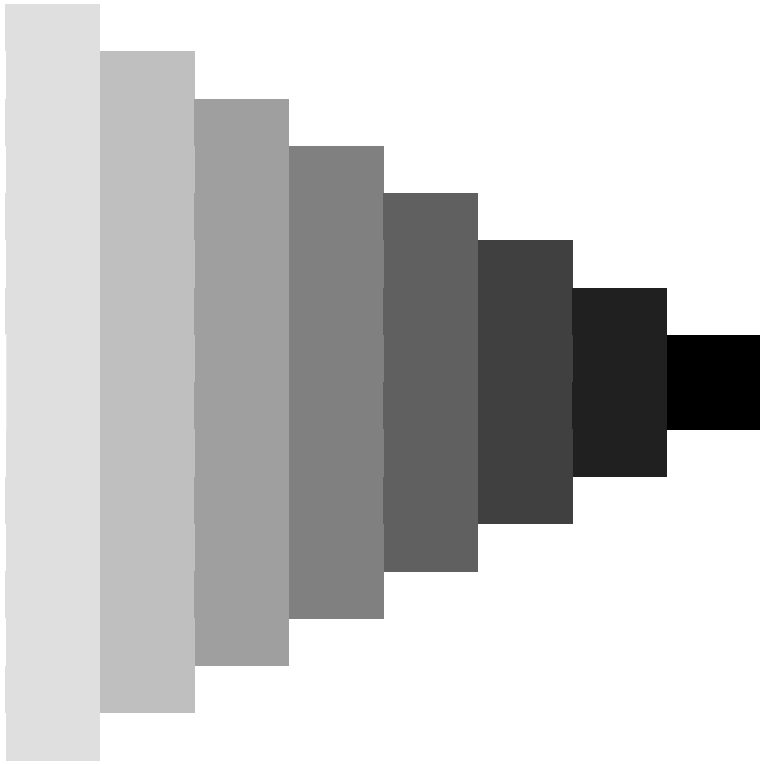


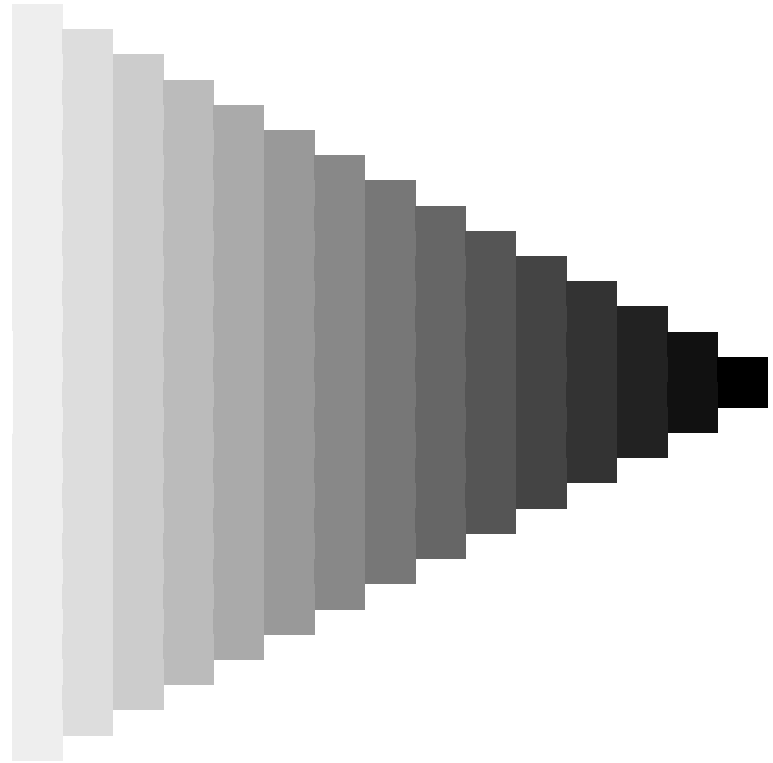
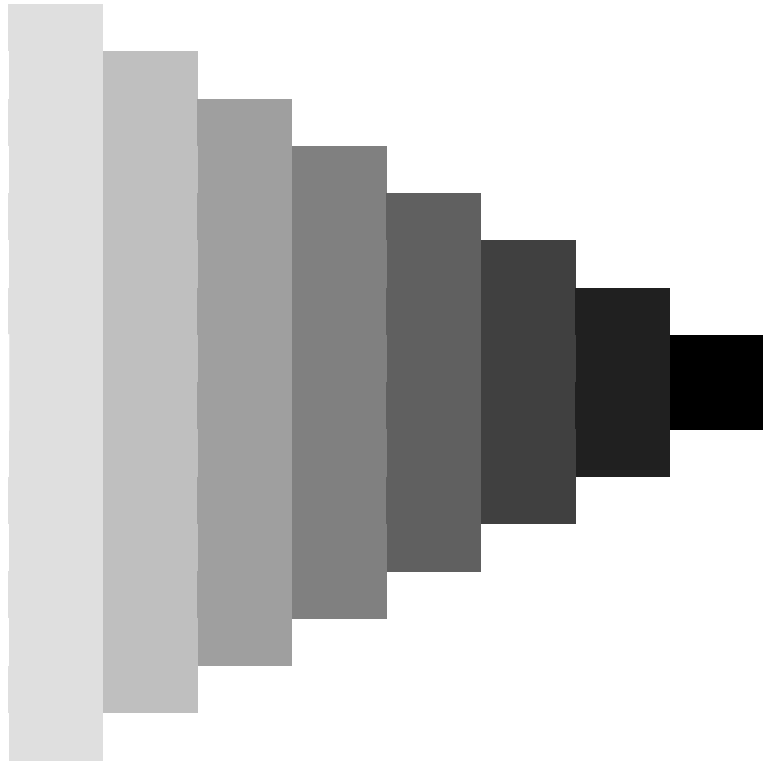
ZE720-7N, 9 step scales for constant CIELAB hue 271/360 = 0.754 (left)

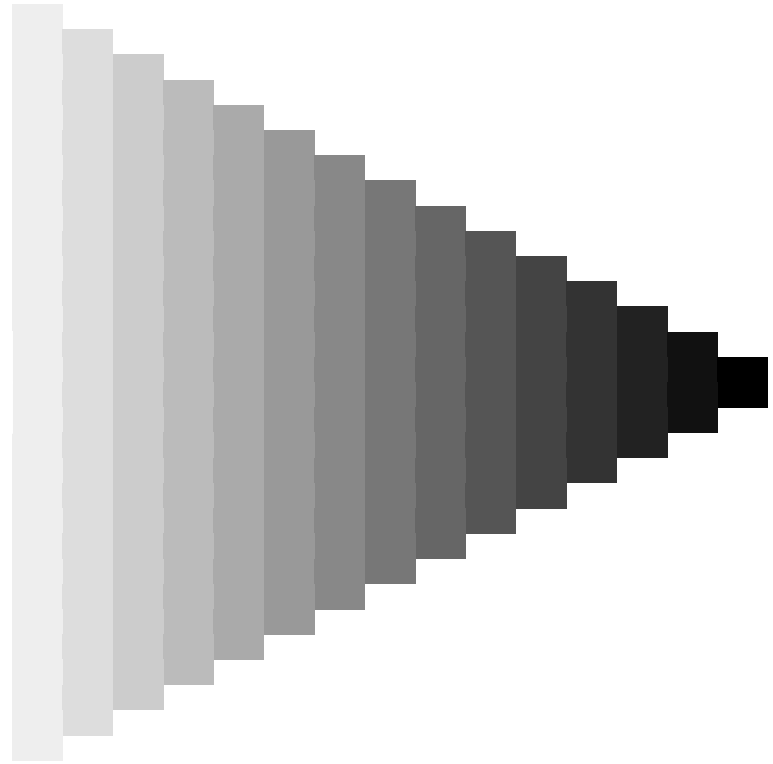
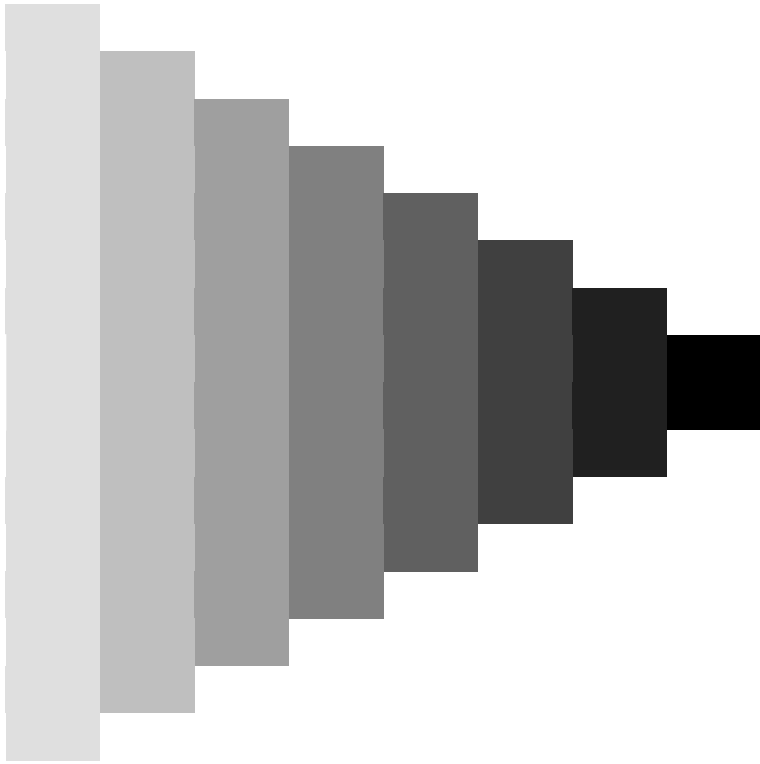
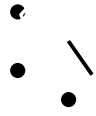
ZE720-7N, 16 step scales for constant CIELAB hue 271/360 = 0.754 (right)

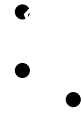
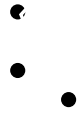


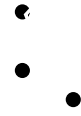
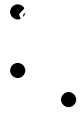


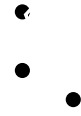
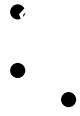


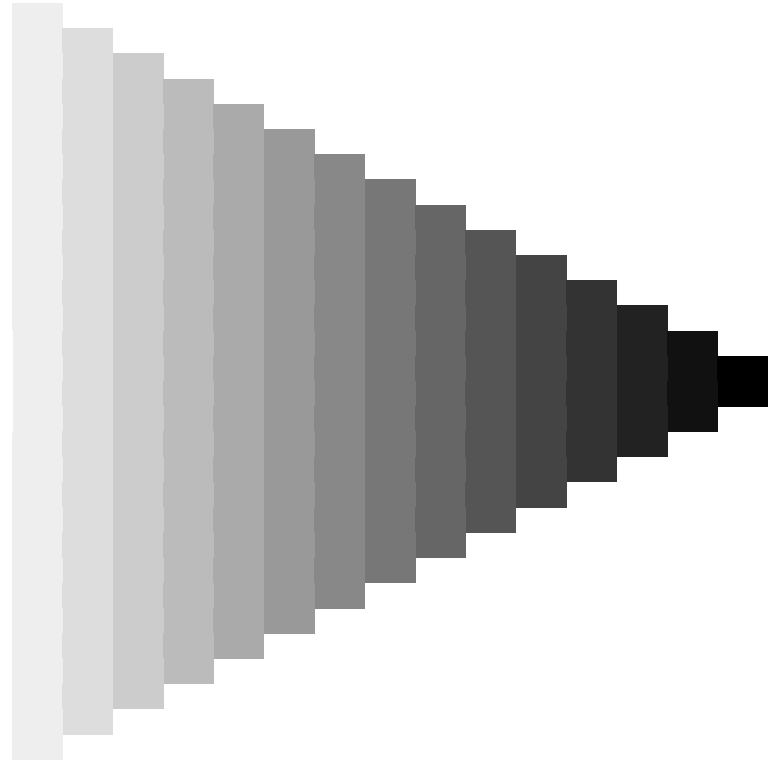
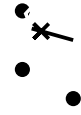
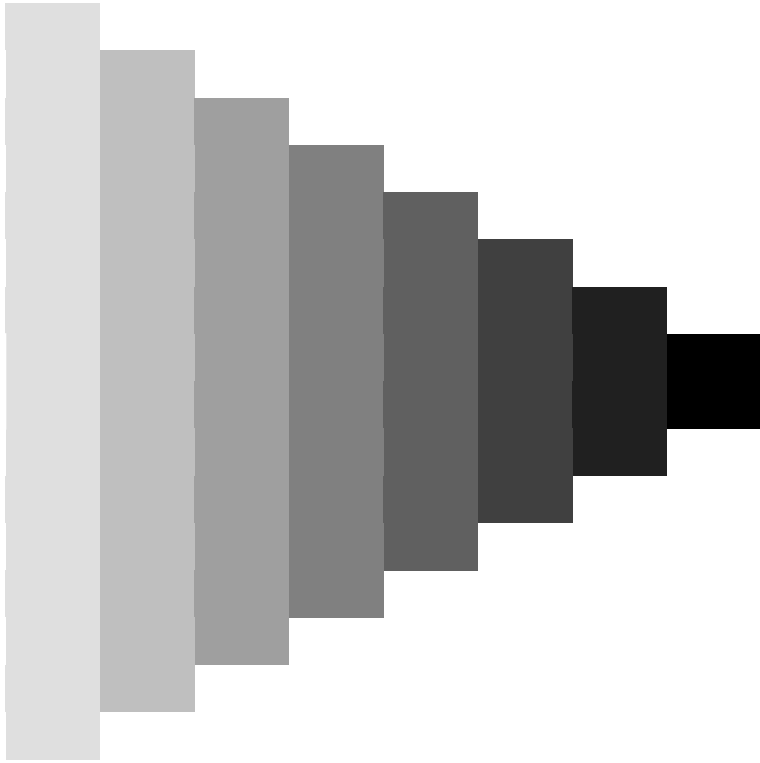
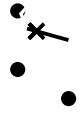


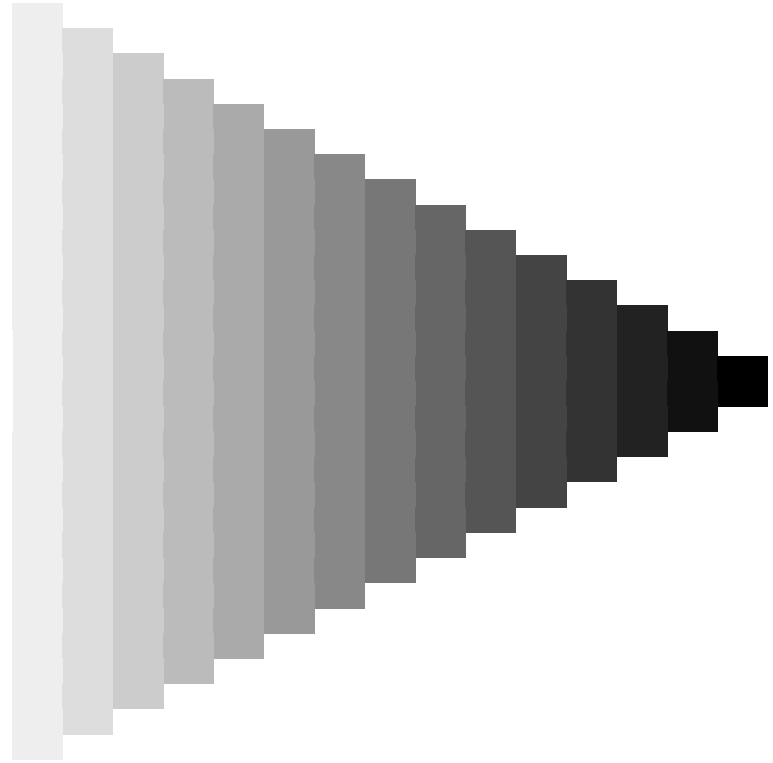
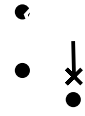
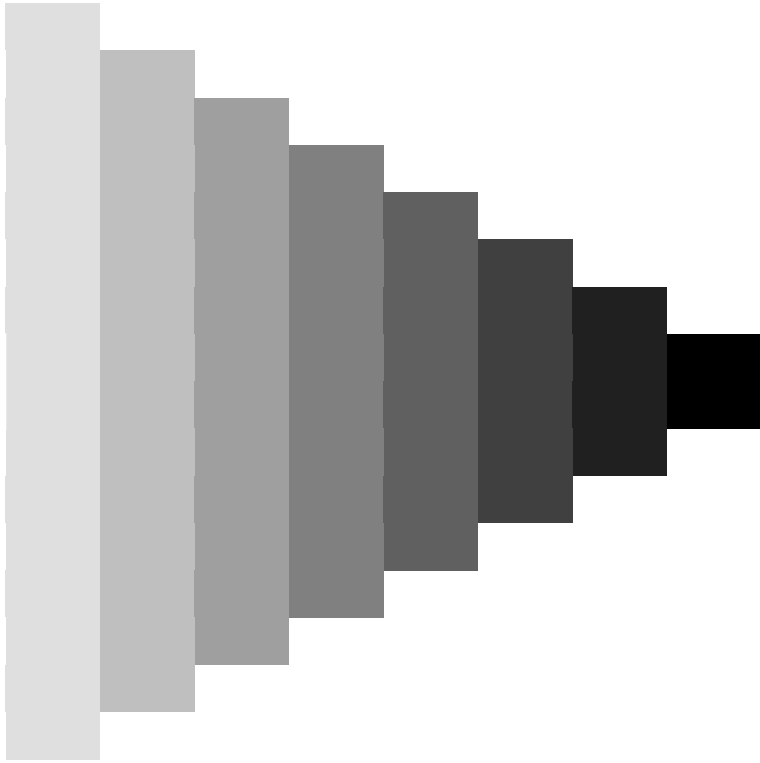
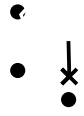


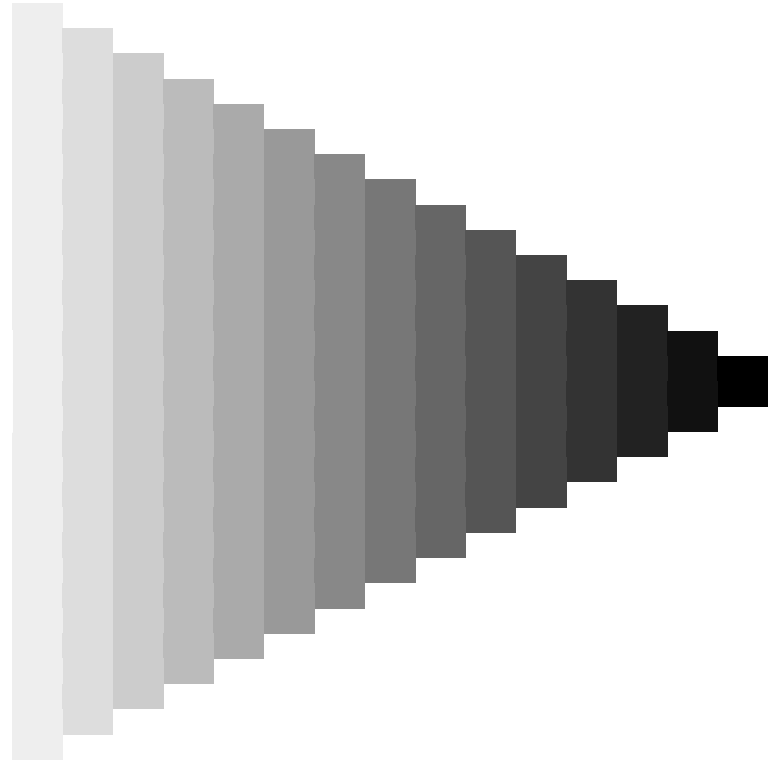
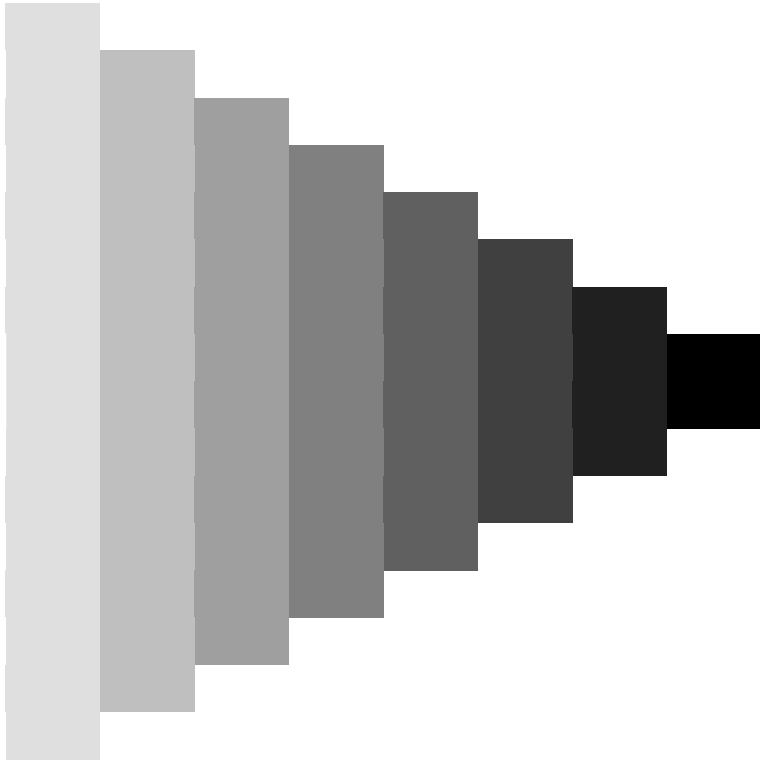








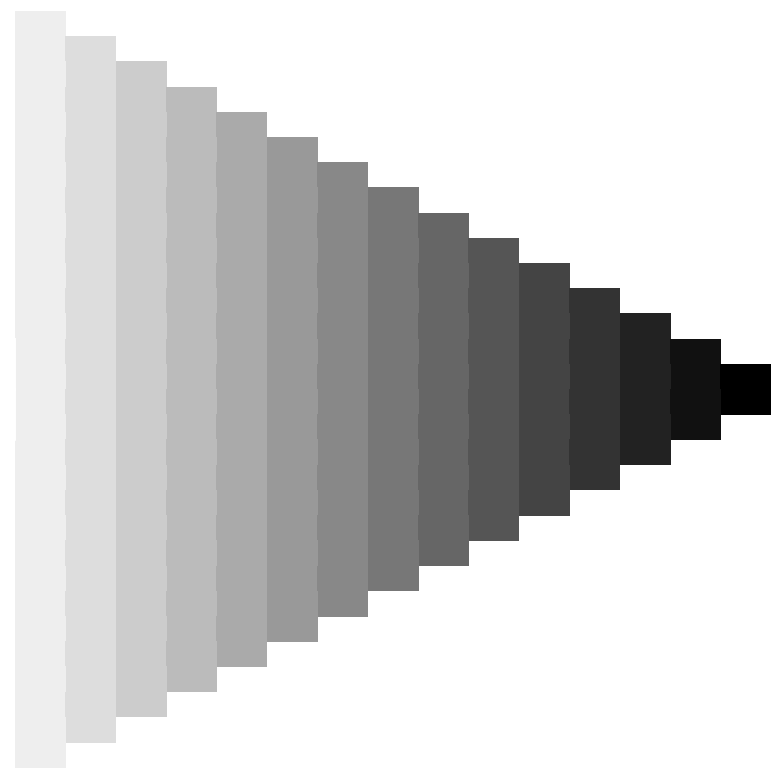
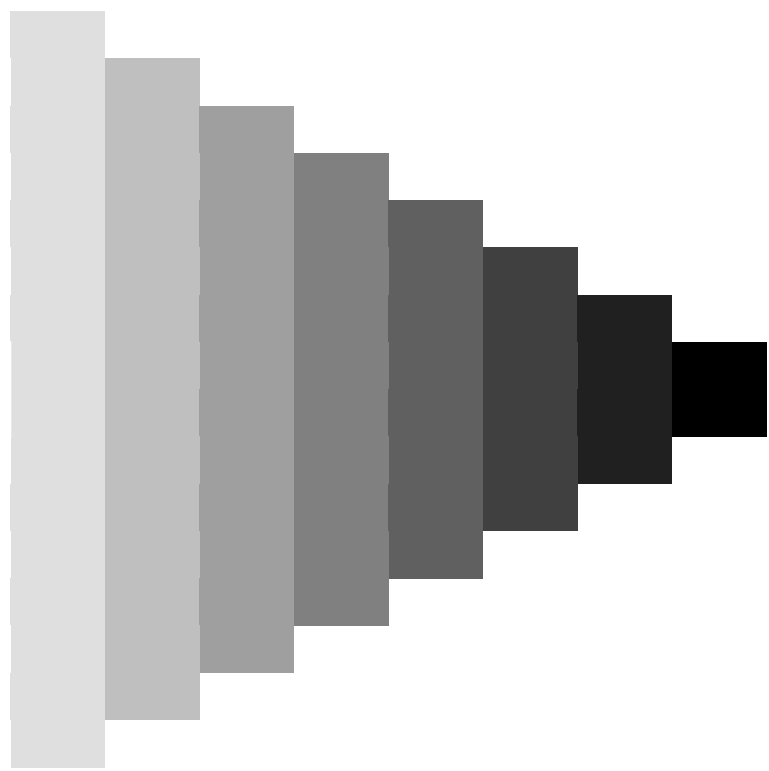


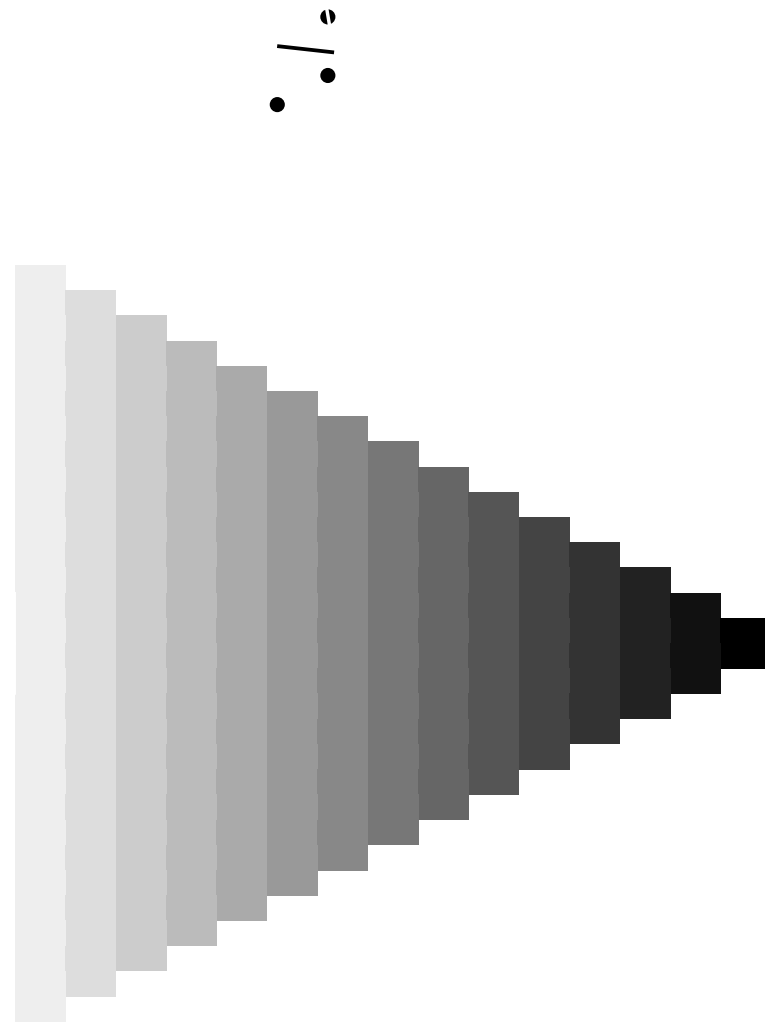
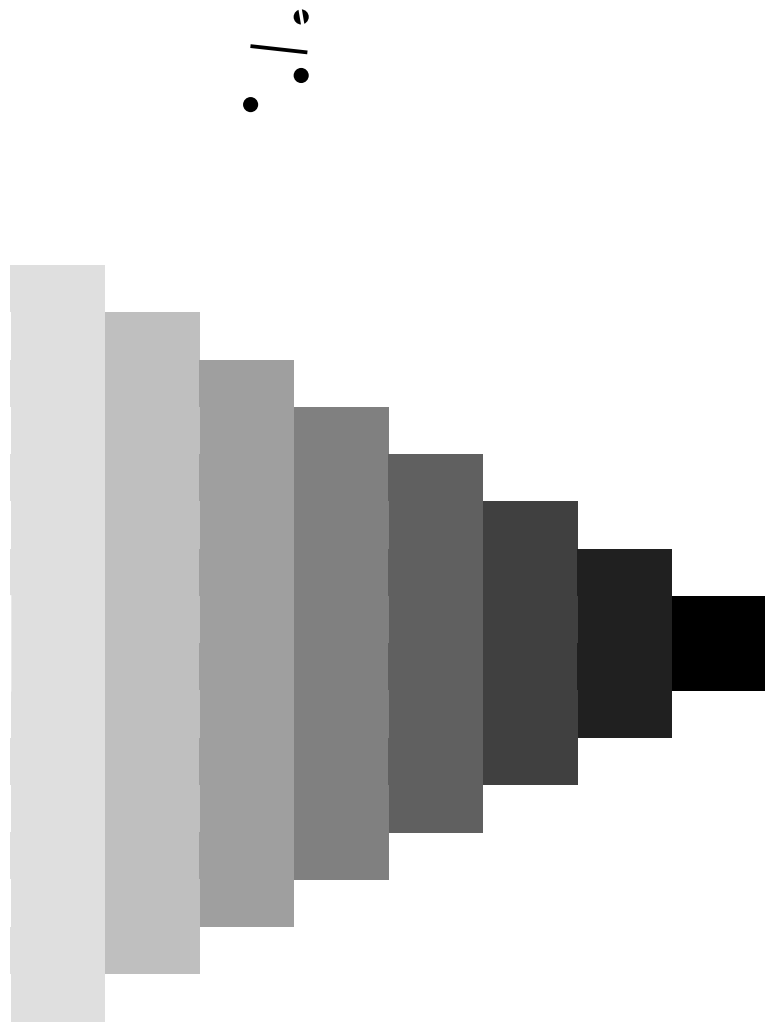


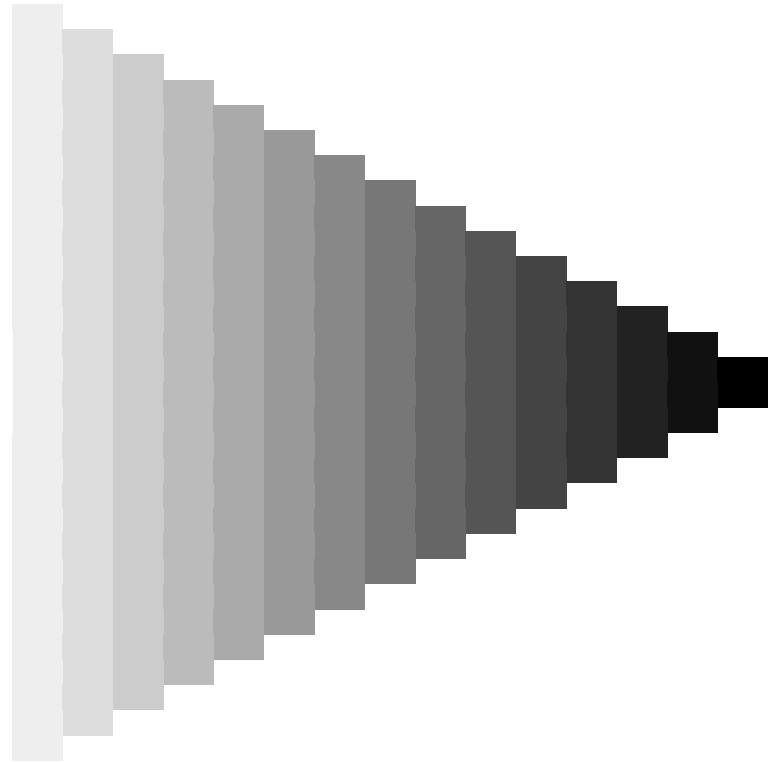
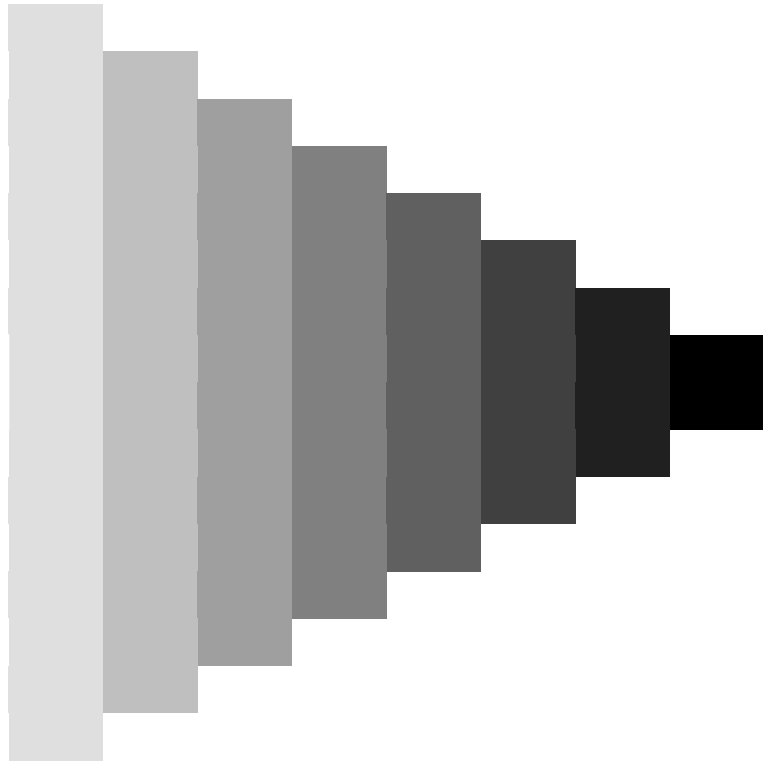






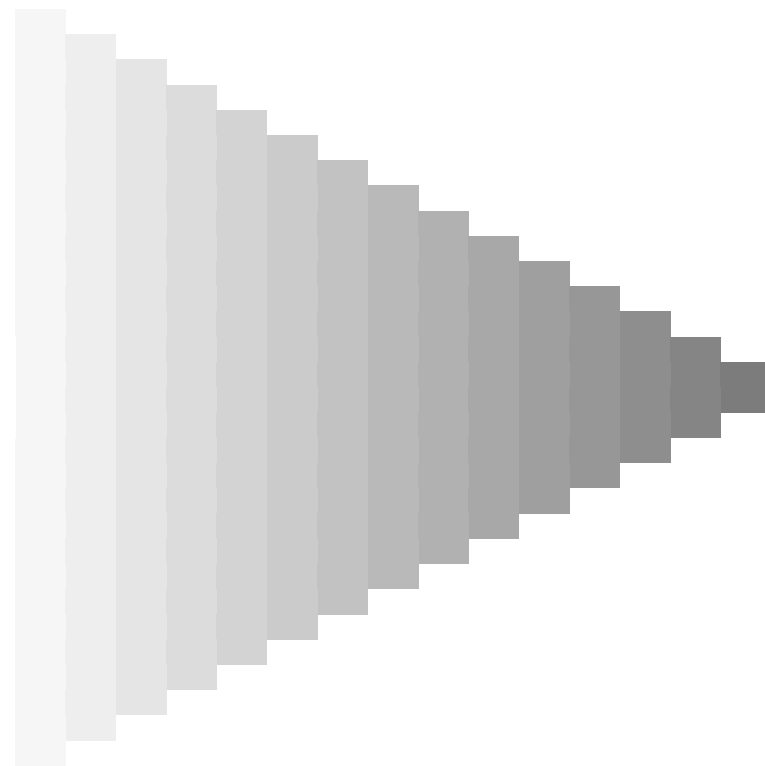
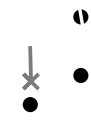
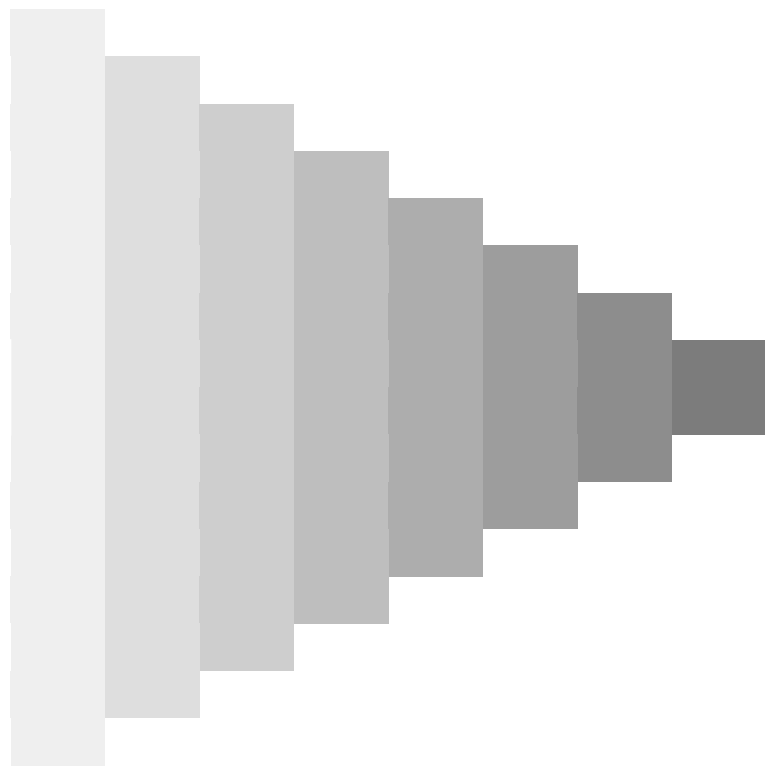
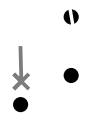


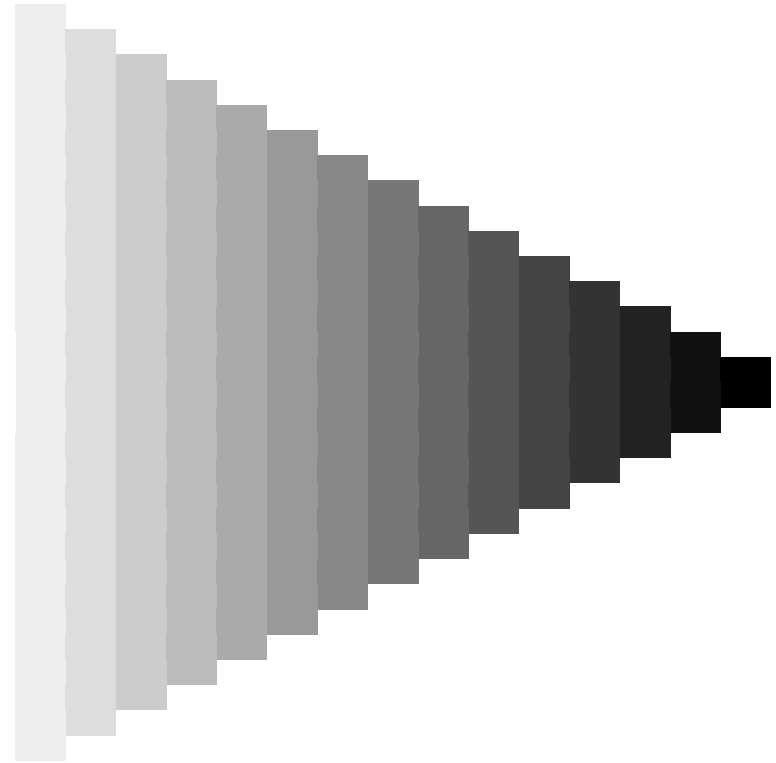
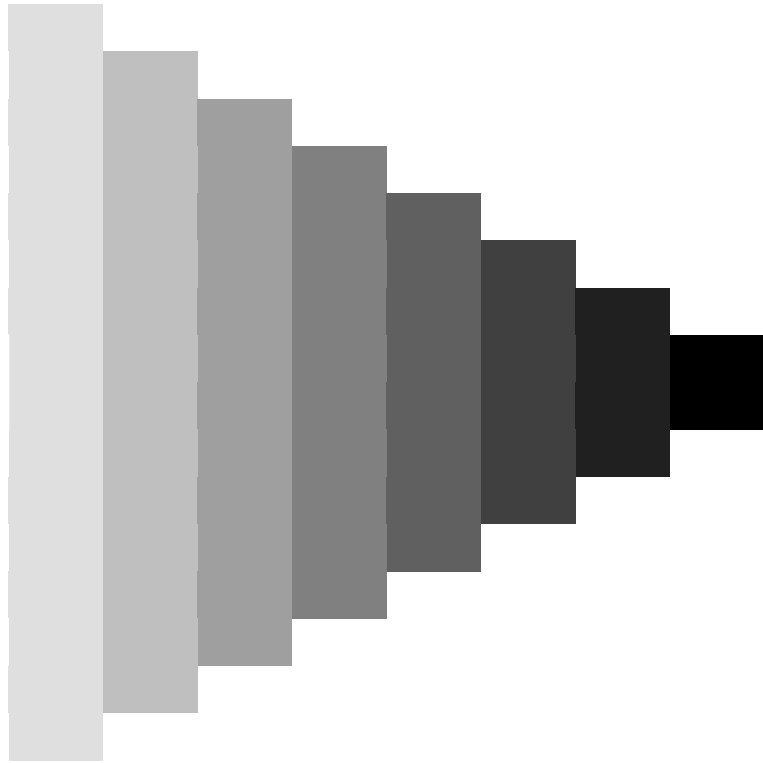




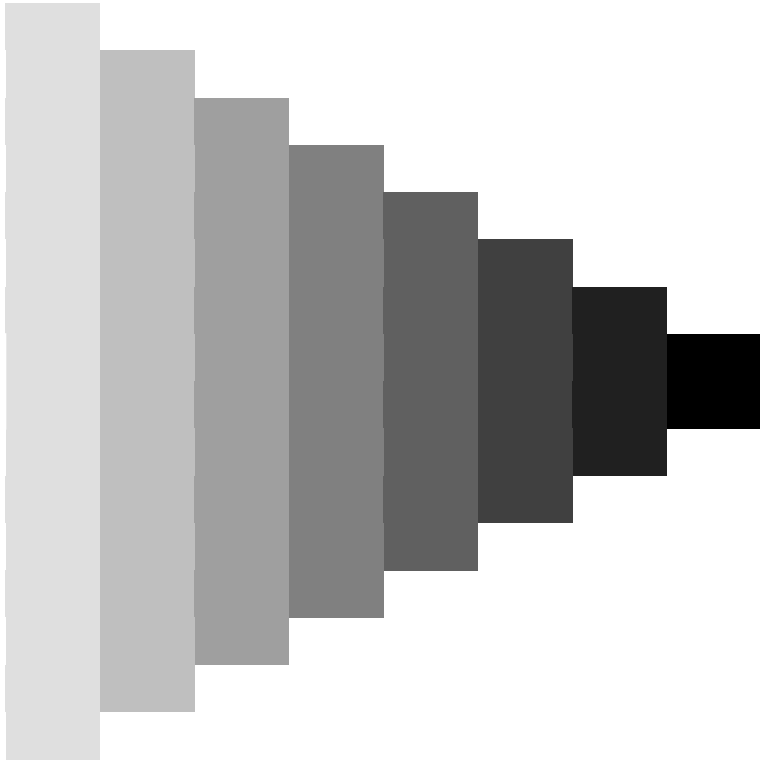




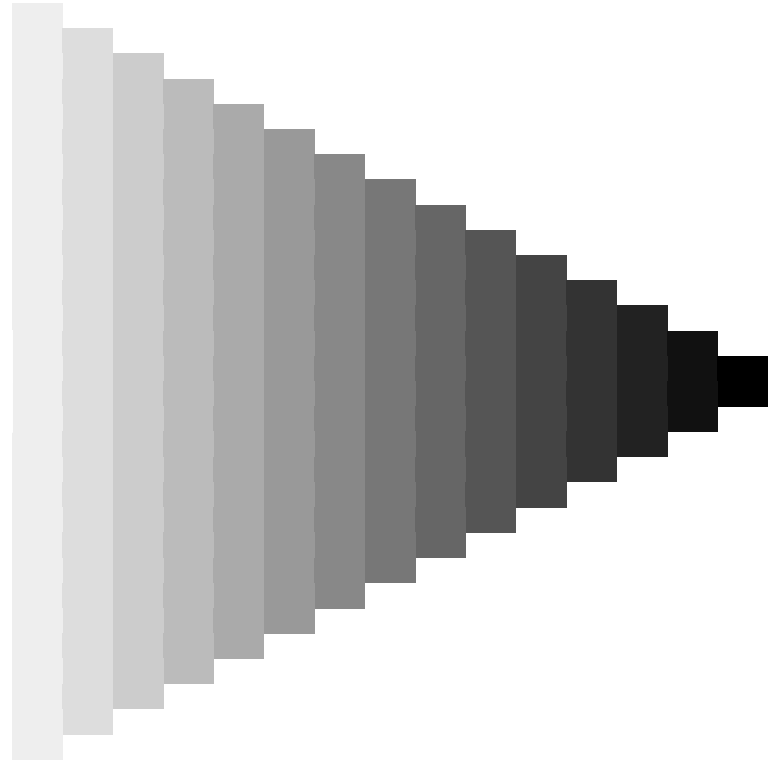


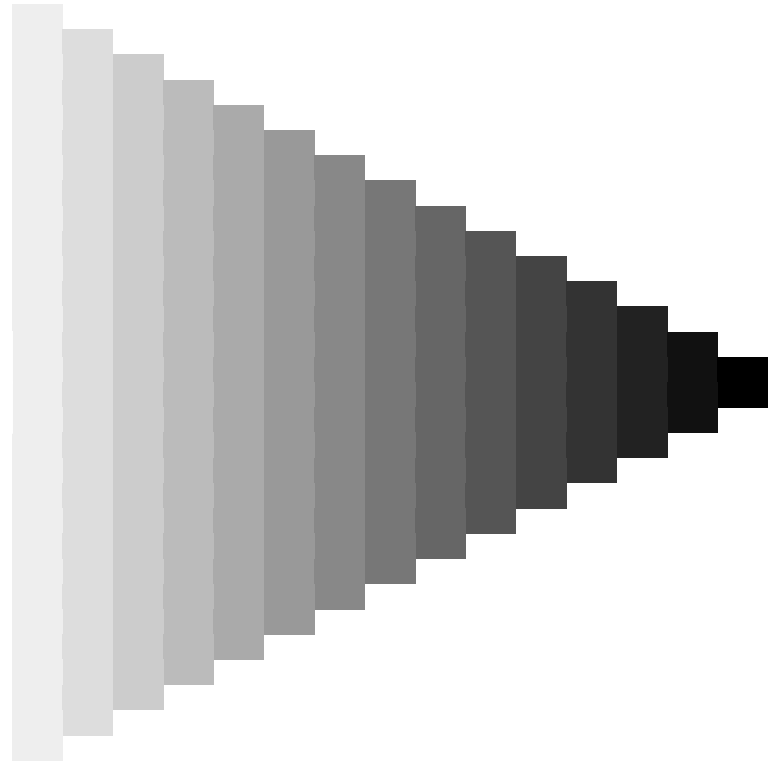
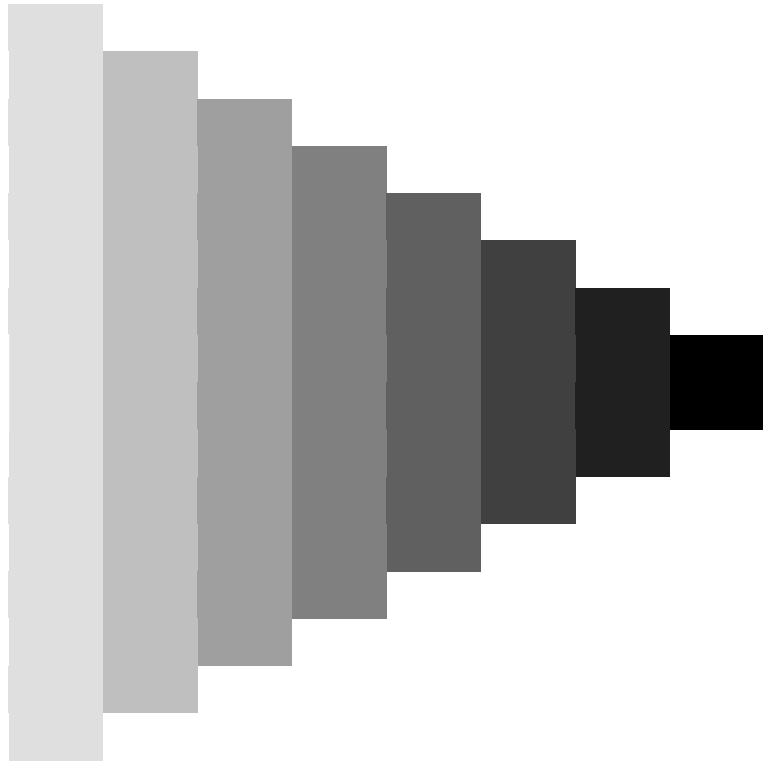


e 1 0



e 1 0

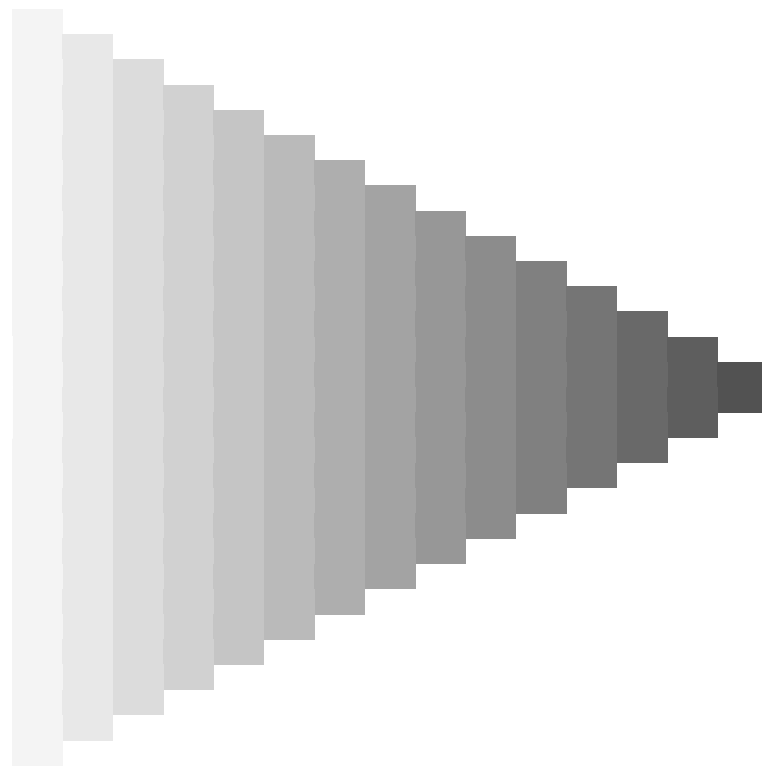
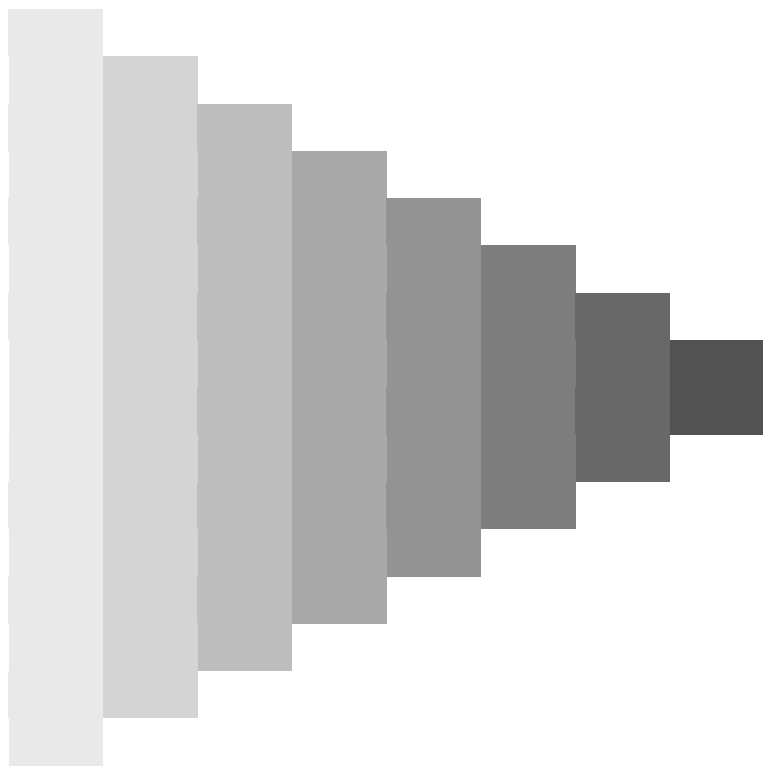


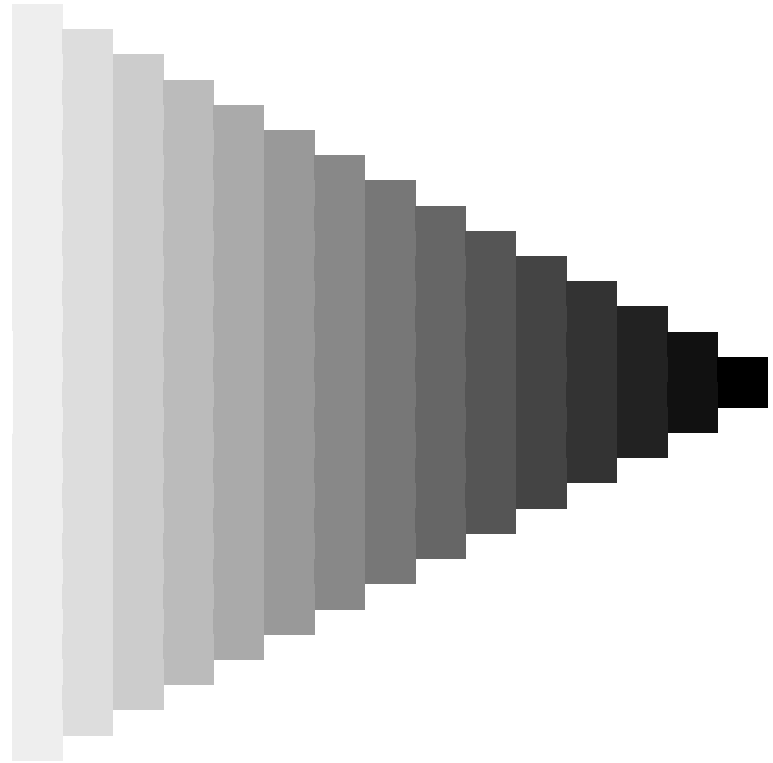
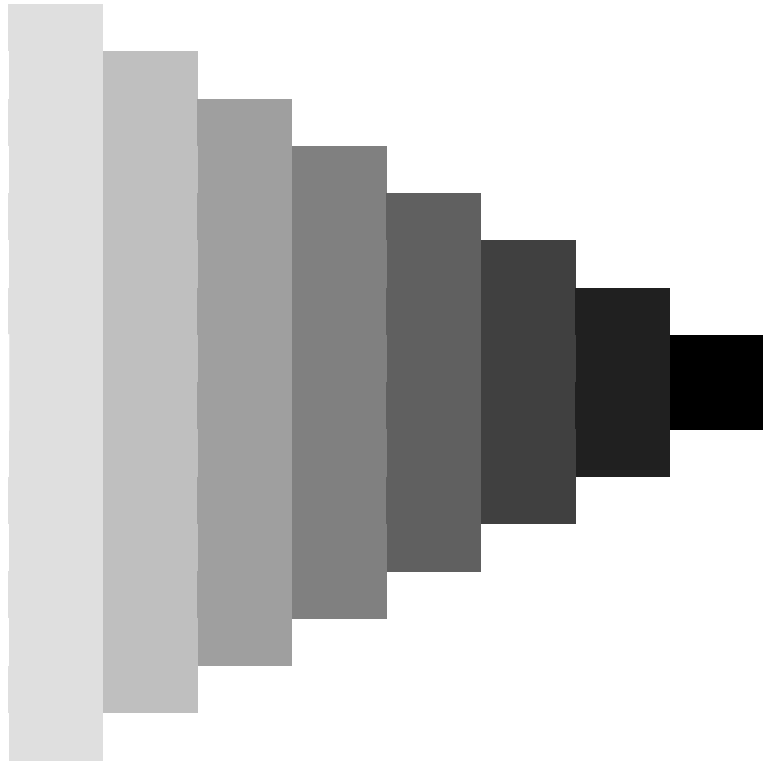


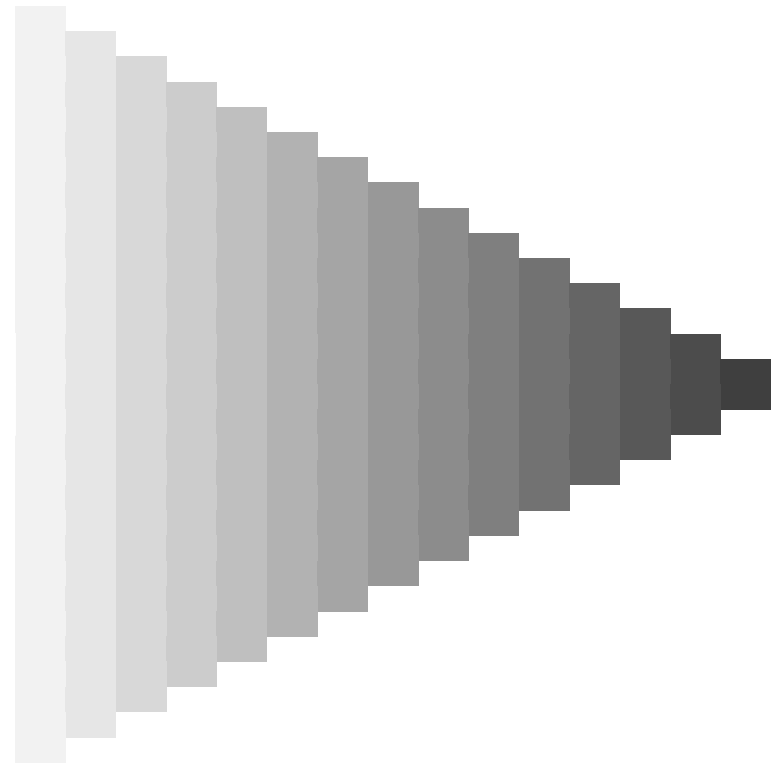
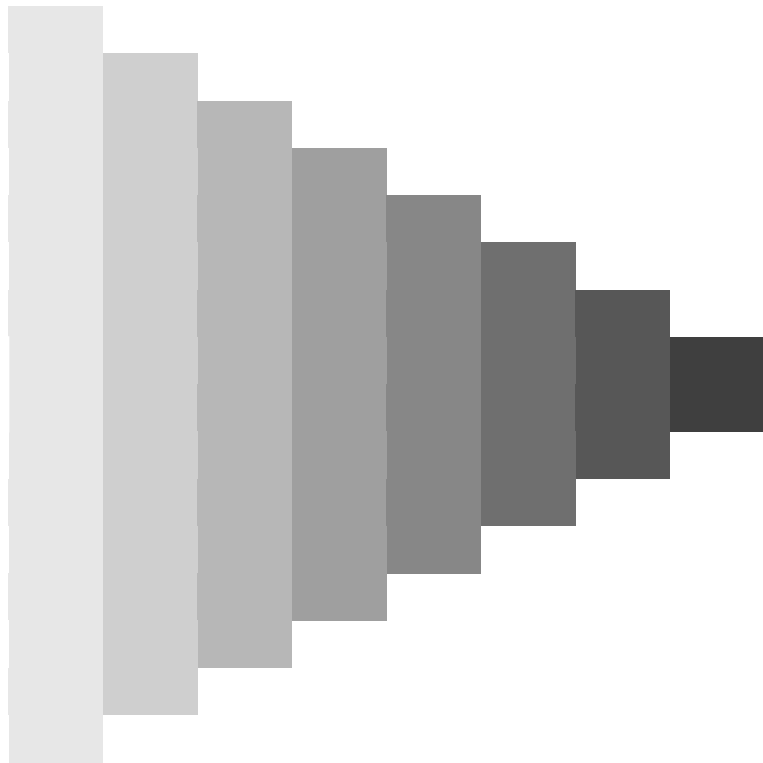














Input: Colorimetric Offset Reflective System ORS18

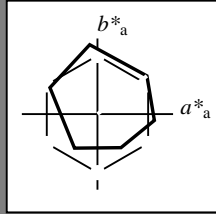
for hue $h^* = lab^*h = 38/360 = 0.105$

lab^*tch and lab^*nch

D65: hue O

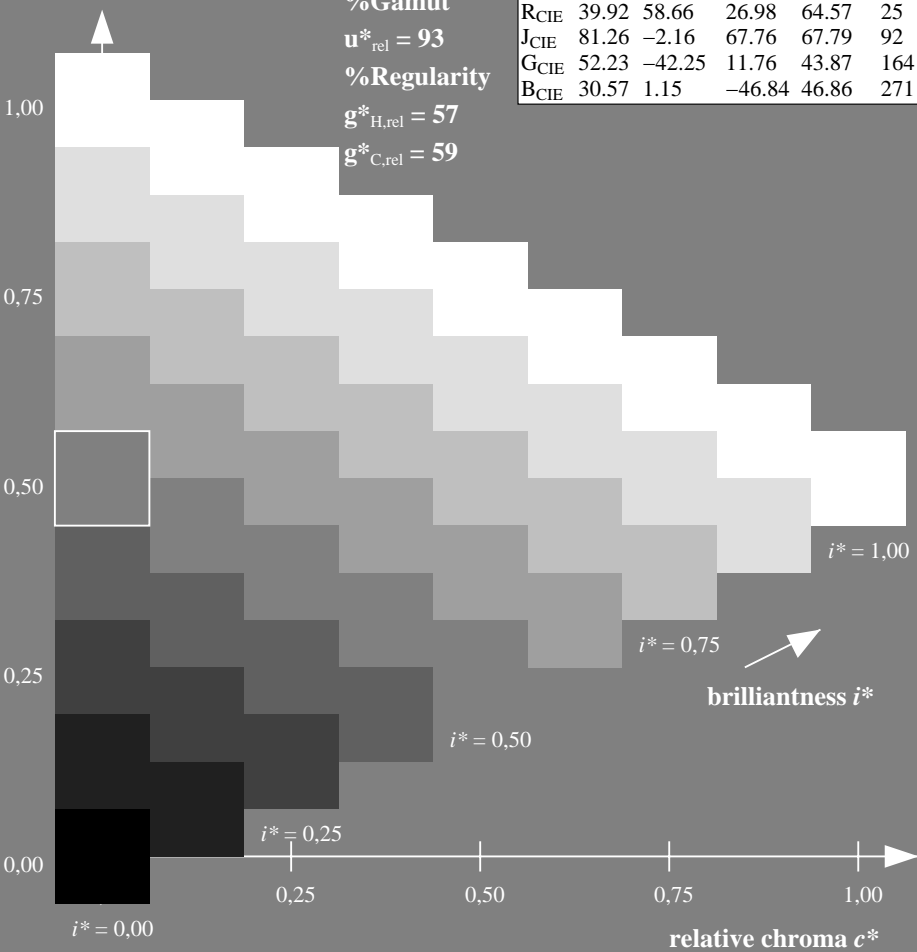
LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

Output: Colorimetric Offset Reflective System ORS18

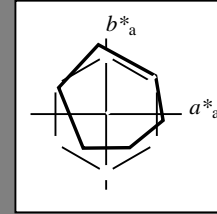
for hue $h^* = lab^*h = 38/360 = 0.105$

lab^*tch and lab^*nch

D65: hue O

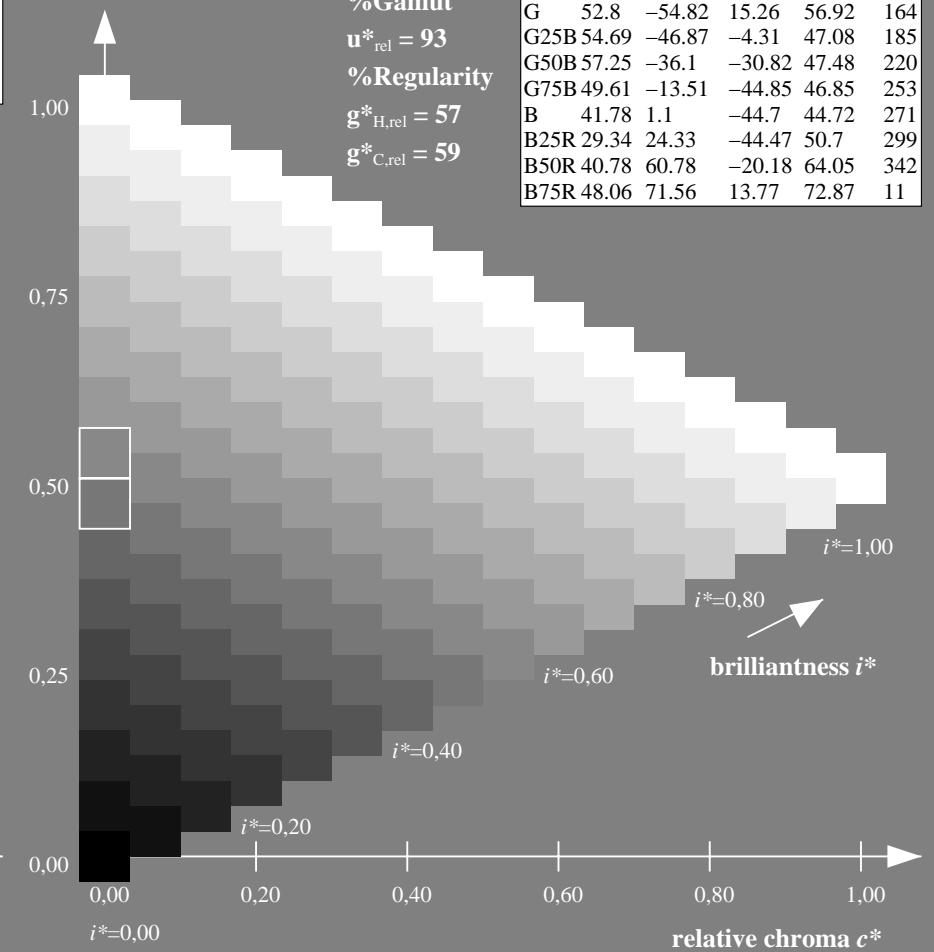
LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ZE720-7N, 9 step scales for constant CIELAB hue 38/360 = 0.105 (left)

ZE720-7N, 16 step scales for constant CIELAB hue 38/360 = 0.105 (right)

Input: Colorimetric Offset Reflective System ORS18

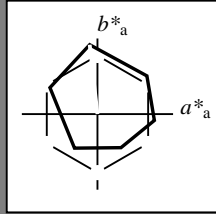
for hue $h^* = lab^*h = 96/360 = 0.268$

lab^*tch and lab^*nch

D65: hue Y

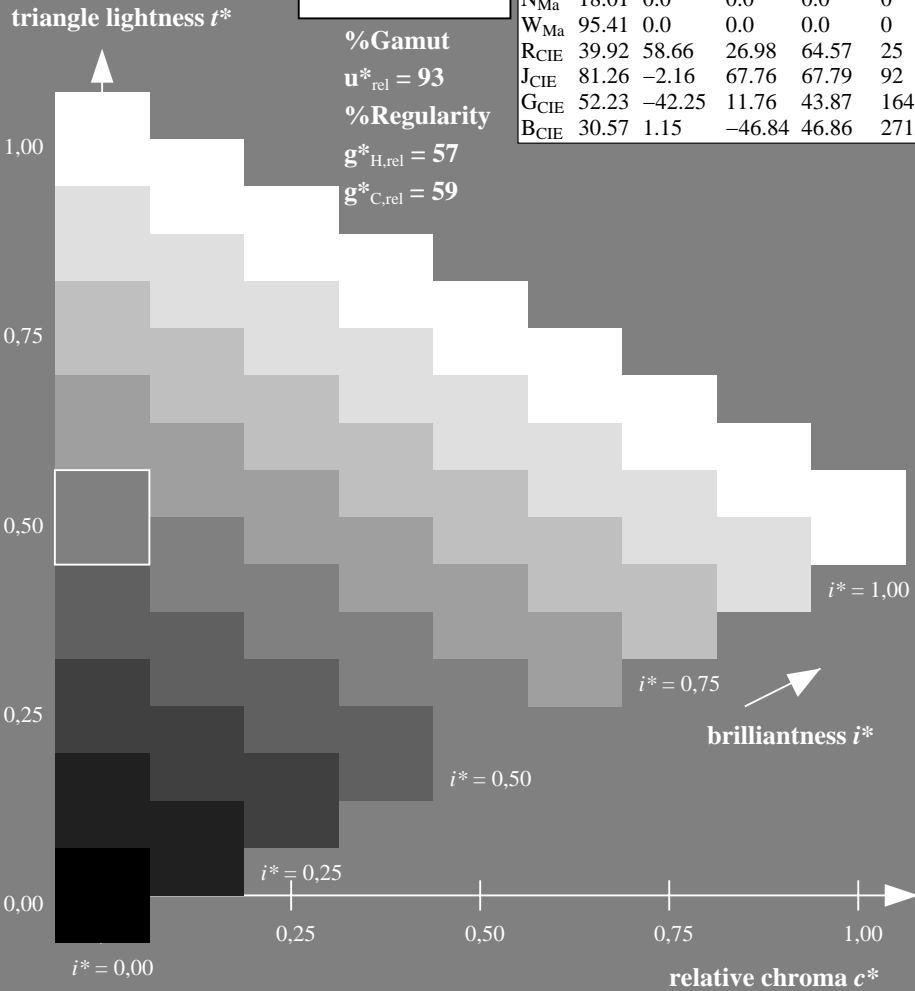
LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0



| 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 |
| R _{CIE} | 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 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 9 step scales for constant CIELAB hue 96/360 = 0.268 (left)

Output: Colorimetric Offset Reflective System ORS18

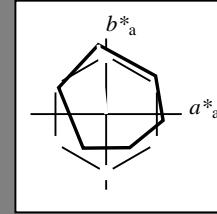
for hue $h^* = lab^*h = 96/360 = 0.268$

lab^*tch and lab^*nch

D65: hue Y

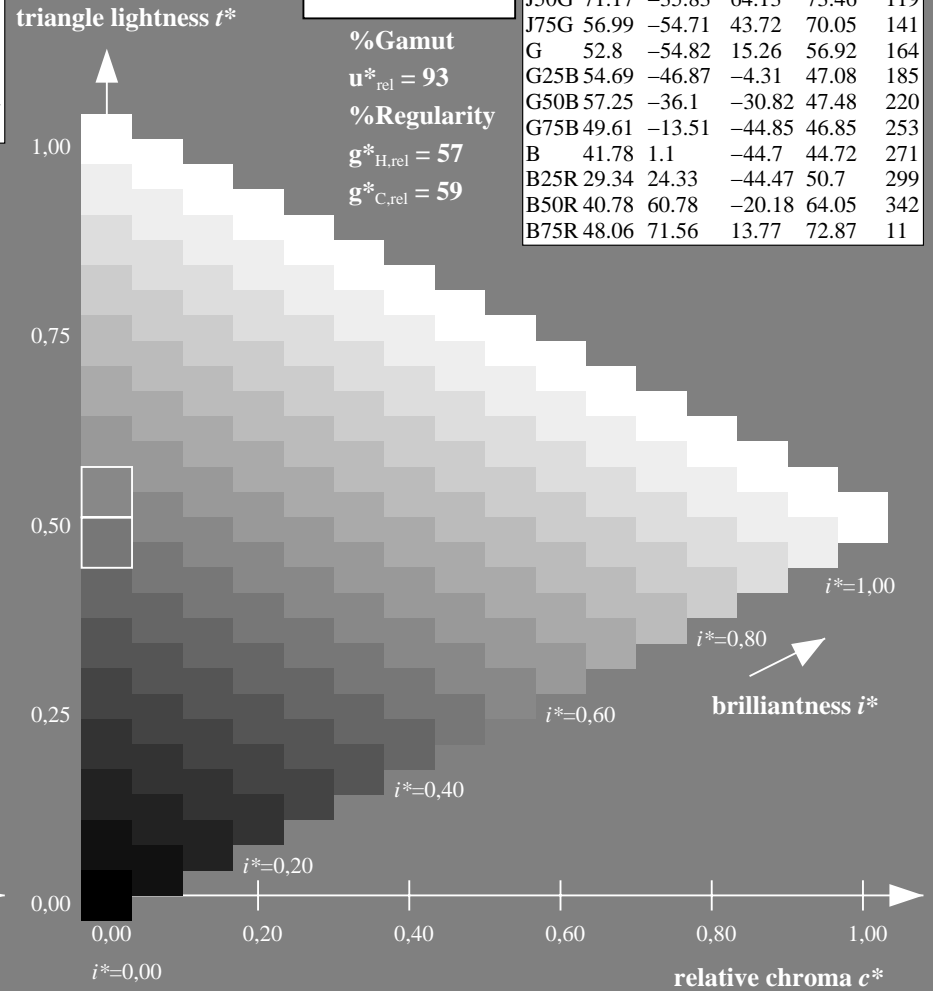
LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 16 step scales for constant CIELAB hue 96/360 = 0.268 (right)

Input: Colorimetric Offset Reflective System ORS18

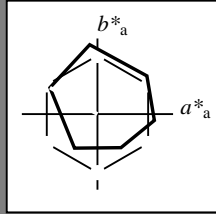
for hue $h^* = lab^*h = 151/360 = 0.419$

lab^*tch and lab^*nch

D65: hue L

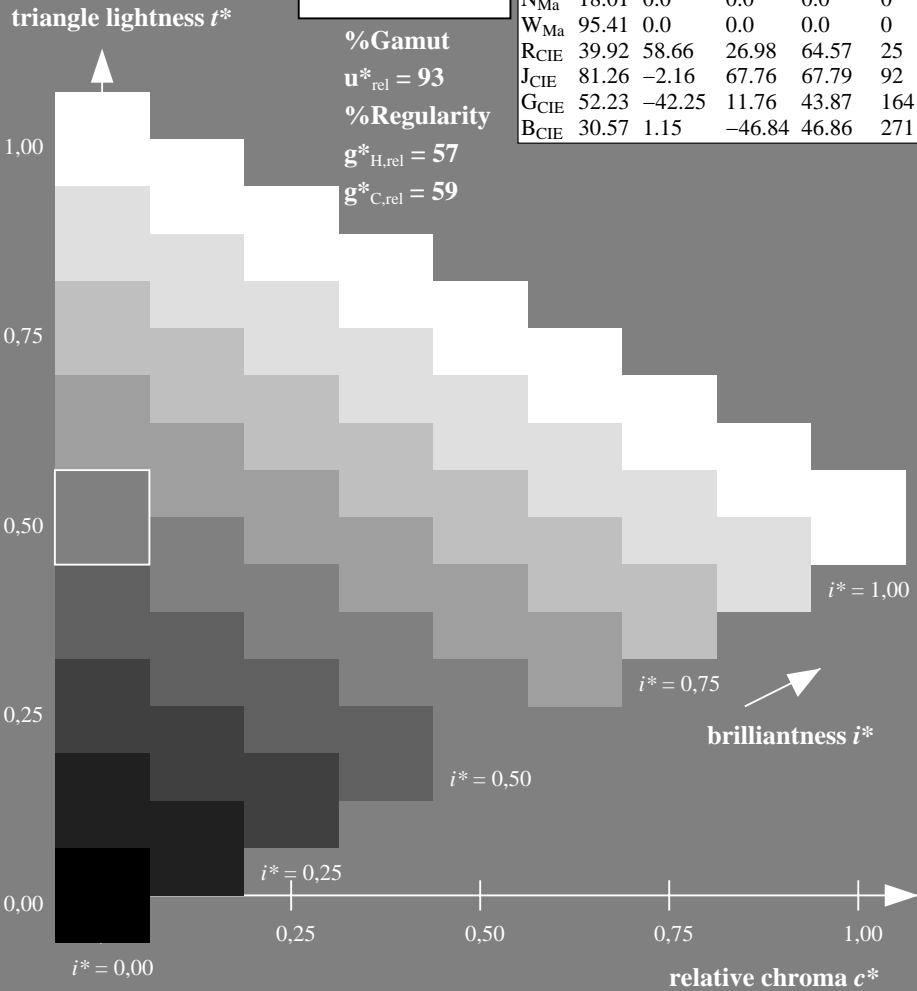
LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0



| 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 |
| R _{CIE} | 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 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 9 step scales for constant CIELAB hue 151/360 = 0.419 (left)

Output: Colorimetric Offset Reflective System ORS18

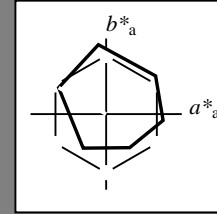
for hue $h^* = lab^*h = 151/360 = 0.419$

lab^*tch and lab^*nch

D65: hue L

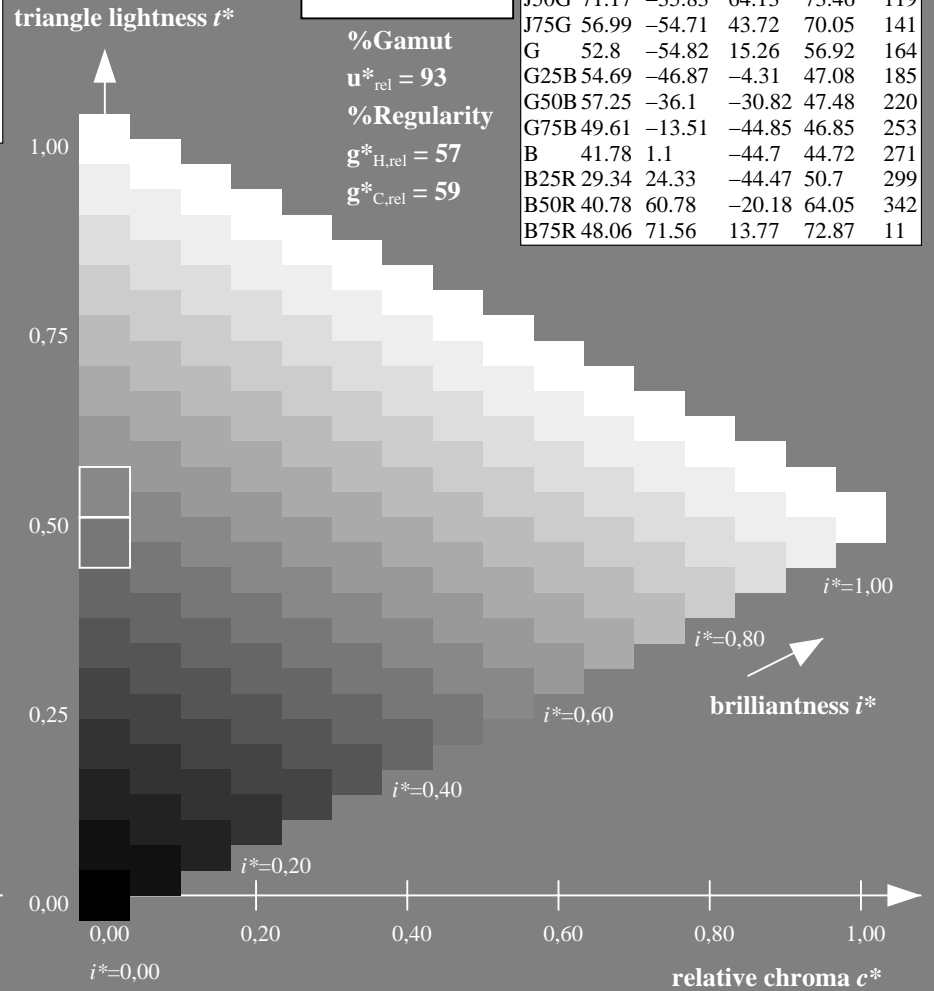
LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



ZE720-7N, 16 step scales for constant CIELAB hue 151/360 = 0.419 (right)

Input: Colorimetric Offset Reflective System ORS18

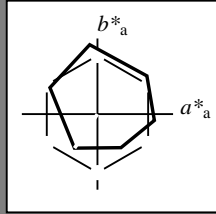
for hue $h^* = lab^*h = 236/360 = 0.656$

lab^*tch and lab^*nch

D65: hue C

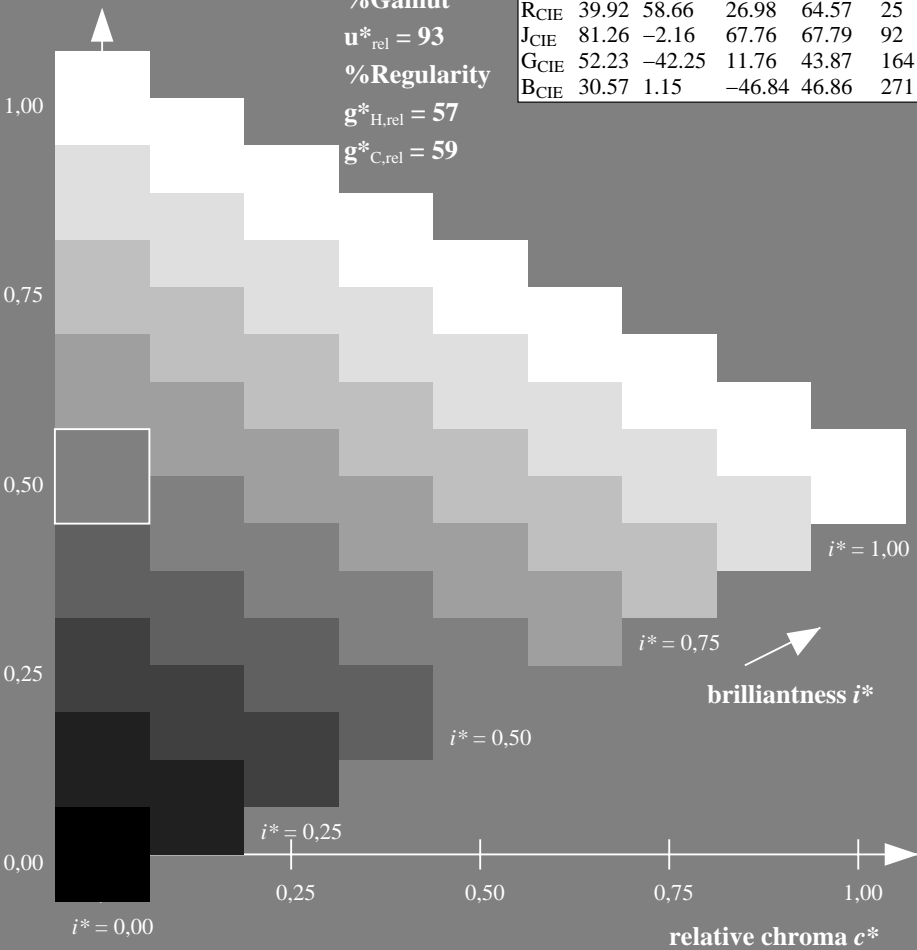
LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

Output: Colorimetric Offset Reflective System ORS18

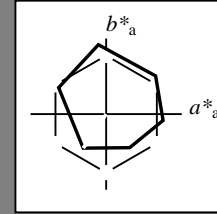
for hue $h^* = lab^*h = 236/360 = 0.656$

lab^*tch and lab^*nch

D65: hue C

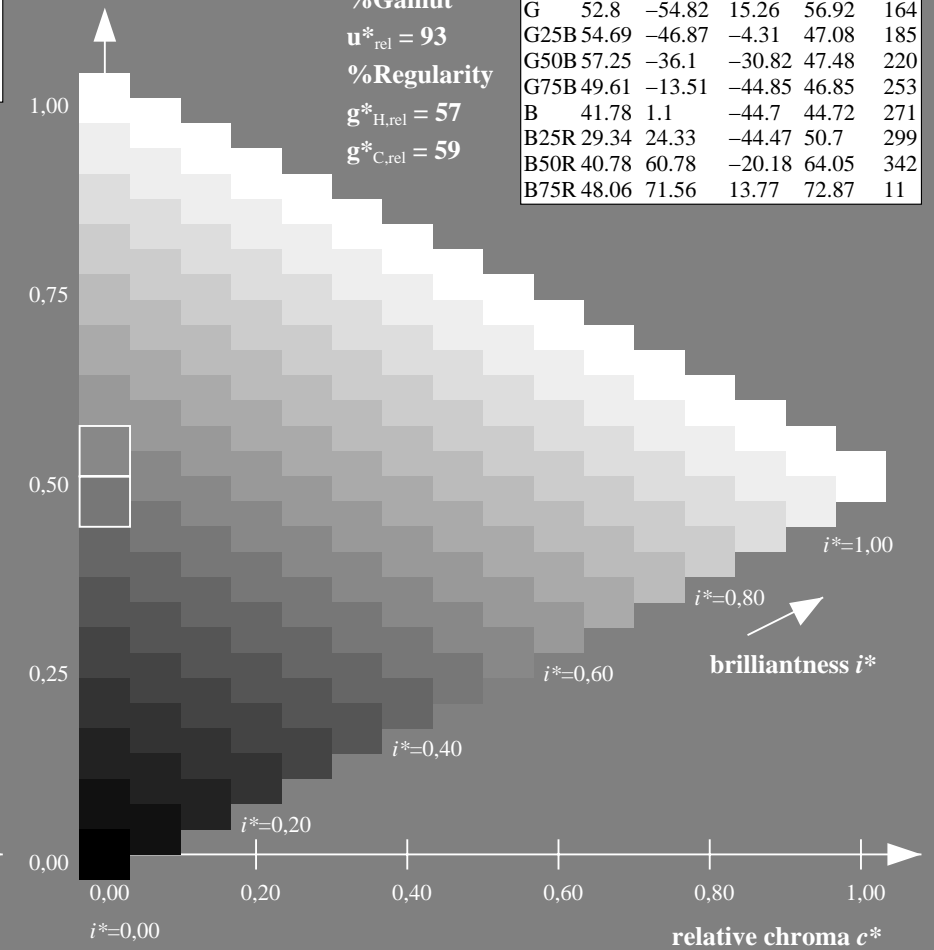
LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ZE720-7N, 9 step scales for constant CIELAB hue 236/360 = 0.656 (left)

ZE720-7N, 16 step scales for constant CIELAB hue 236/360 = 0.656 (right)

Input: Colorimetric Offset Reflective System ORS18

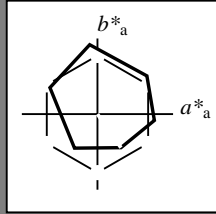
for hue $h^* = lab^*h = 305/360 = 0.847$

lab^*tch and lab^*nch

D65: hue V

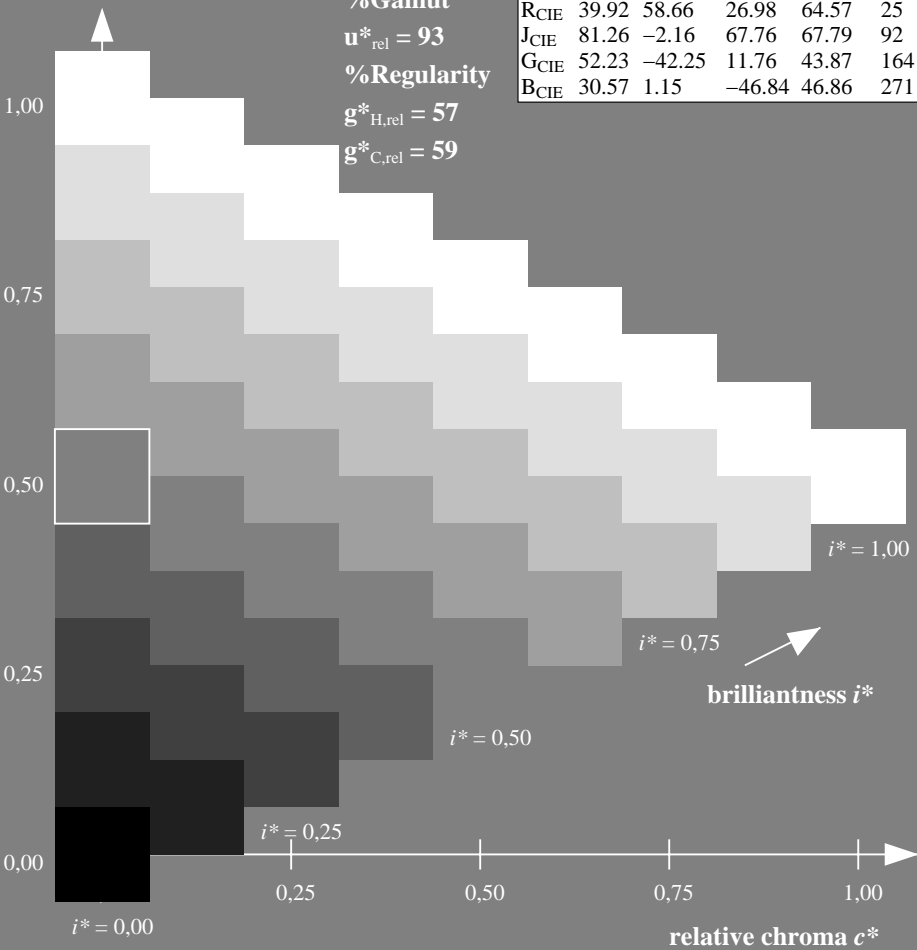
LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

Output: Colorimetric Offset Reflective System ORS18

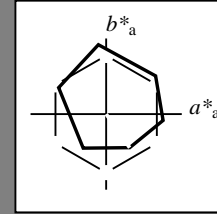
for hue $h^* = lab^*h = 305/360 = 0.847$

lab^*tch and lab^*nch

D65: hue V

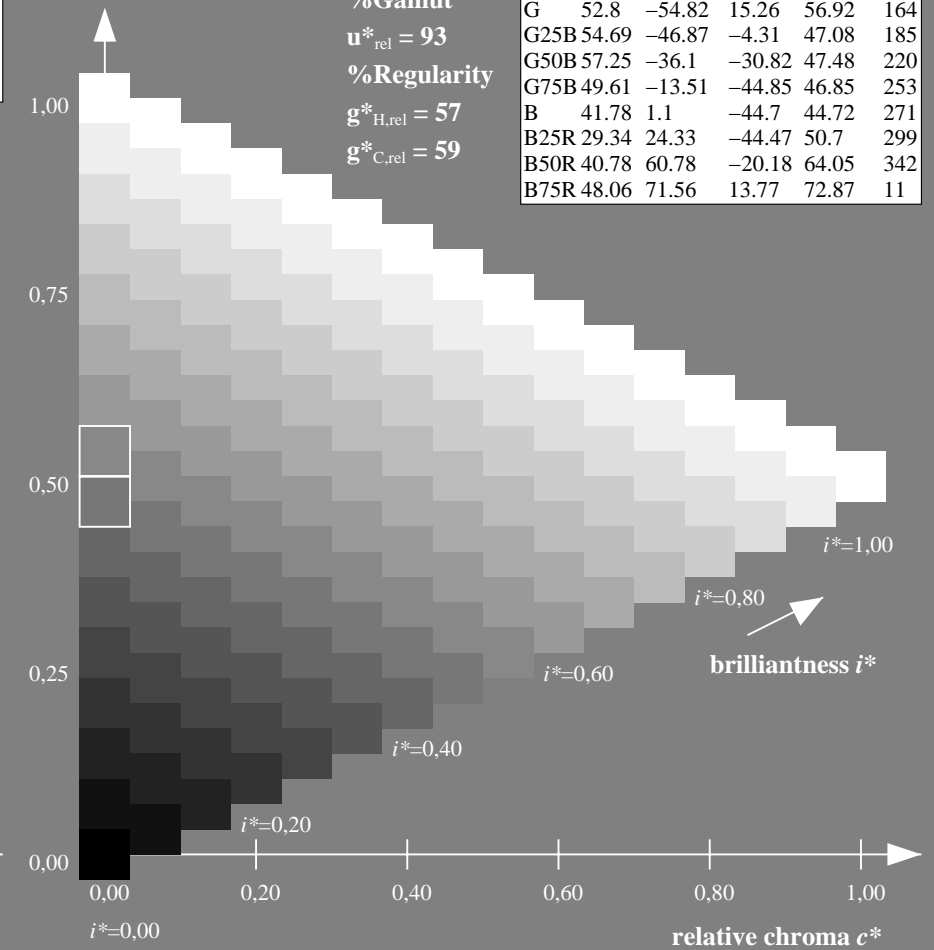
LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ZE720-7N, 9 step scales for constant CIELAB hue 305/360 = 0.847 (left)

ZE720-7N, 16 step scales for constant CIELAB hue 305/360 = 0.847 (right)

Input: Colorimetric Offset Reflective System ORS18

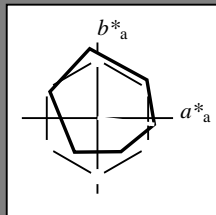
for hue $h^* = lab^*h = 354/360 = 0.982$

lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

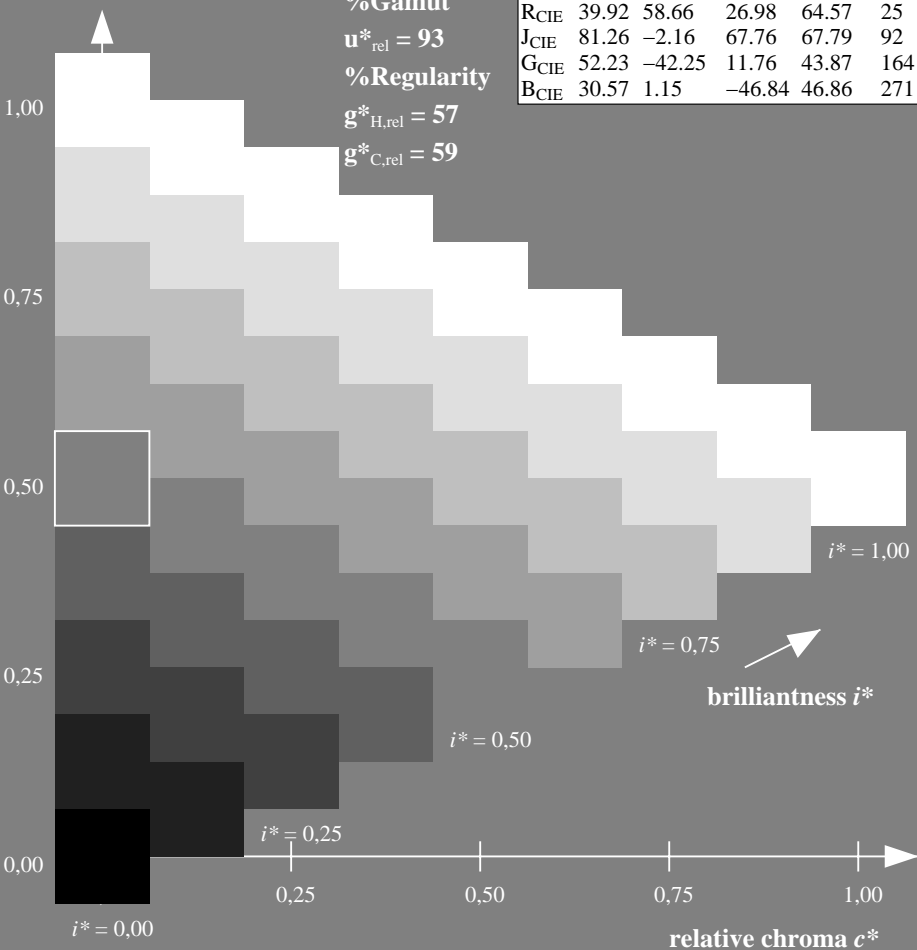
olv*Ma: 1.0 0.0 1.0



| 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 |
| R _{CIE} | 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 |

%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

triangle lightness t^*



ZE720-7N, 9 step scales for constant CIELAB hue 354/360 = 0.982 (left)

Output: Colorimetric Offset Reflective System ORS18

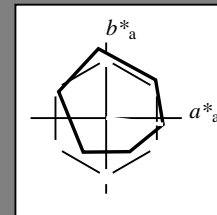
for hue $h^* = lab^*h = 354/360 = 0.982$

lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

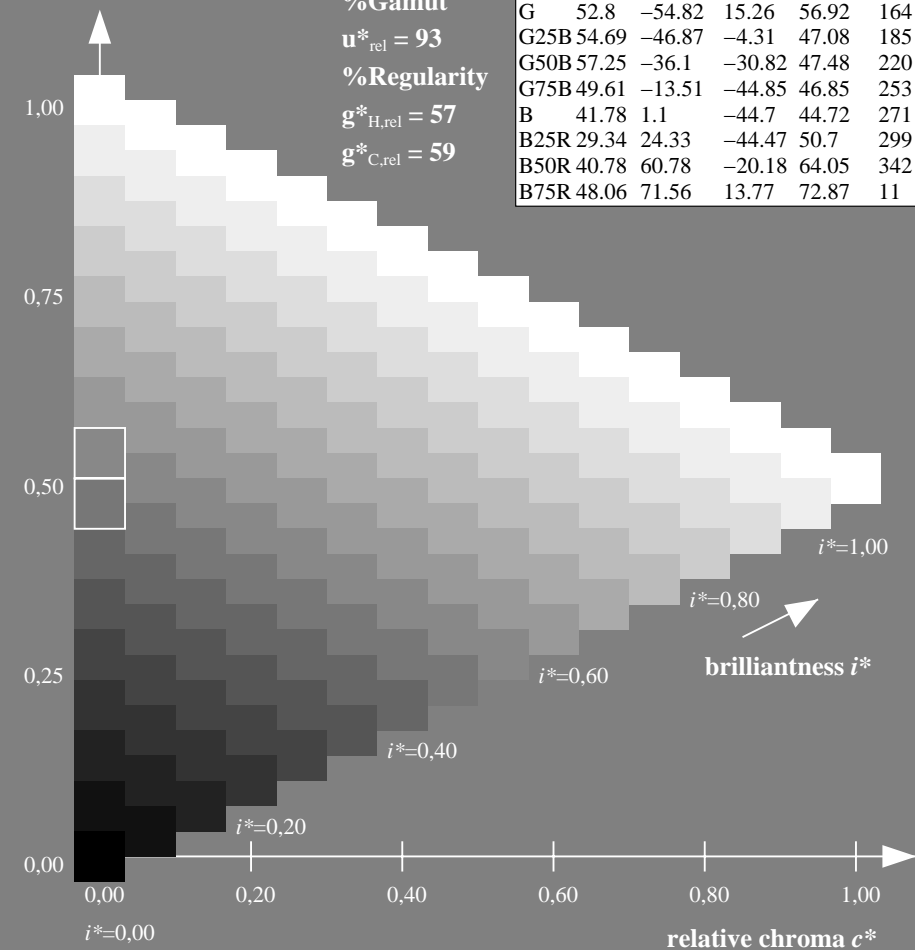
olv*Ma: 1.0 0.0 1.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

triangle lightness t^*



ZE720-7N, 16 step scales for constant CIELAB hue 354/360 = 0.982 (right)

Input: Colorimetric Offset Reflective System ORS18

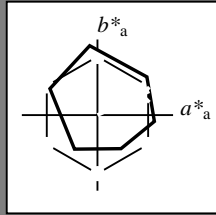
for hue $h^* = lab^*h = 25/360 = 0.069$

lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*

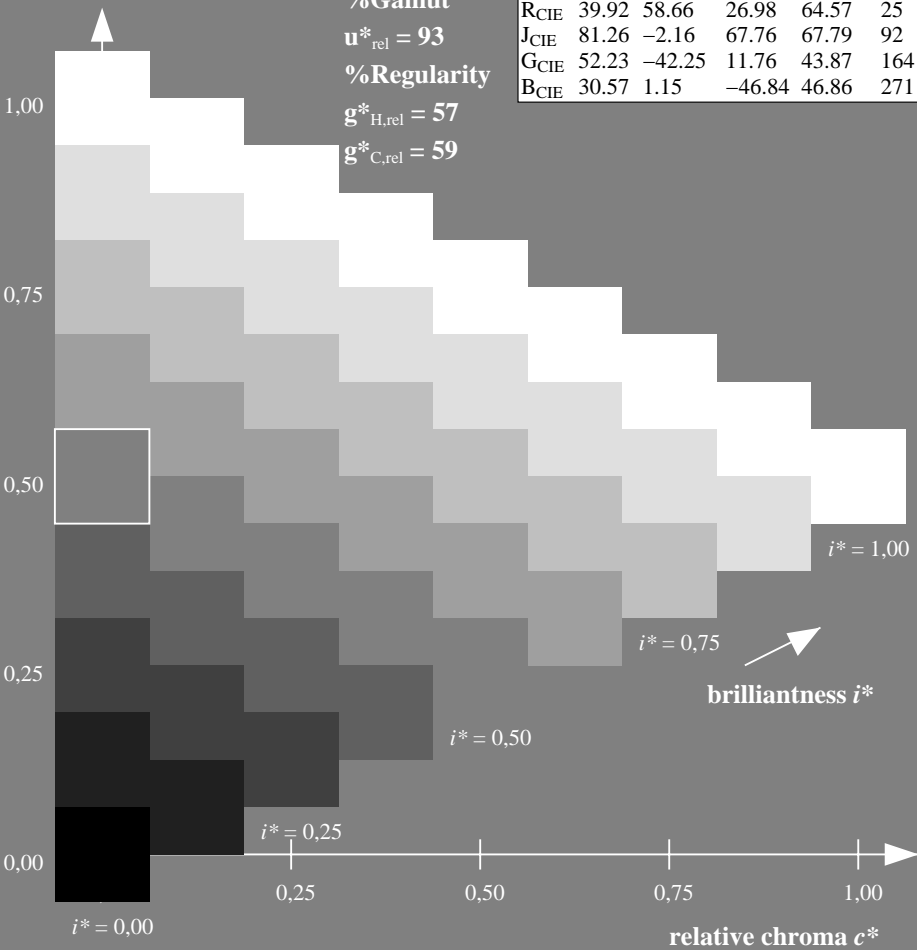
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 9 step scales for constant CIELAB hue 25/360 = 0.069 (left)

Output: Colorimetric Offset Reflective System ORS18

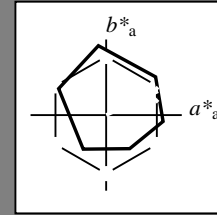
for hue $h^* = lab^*h = 25/360 = 0.069$

lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*

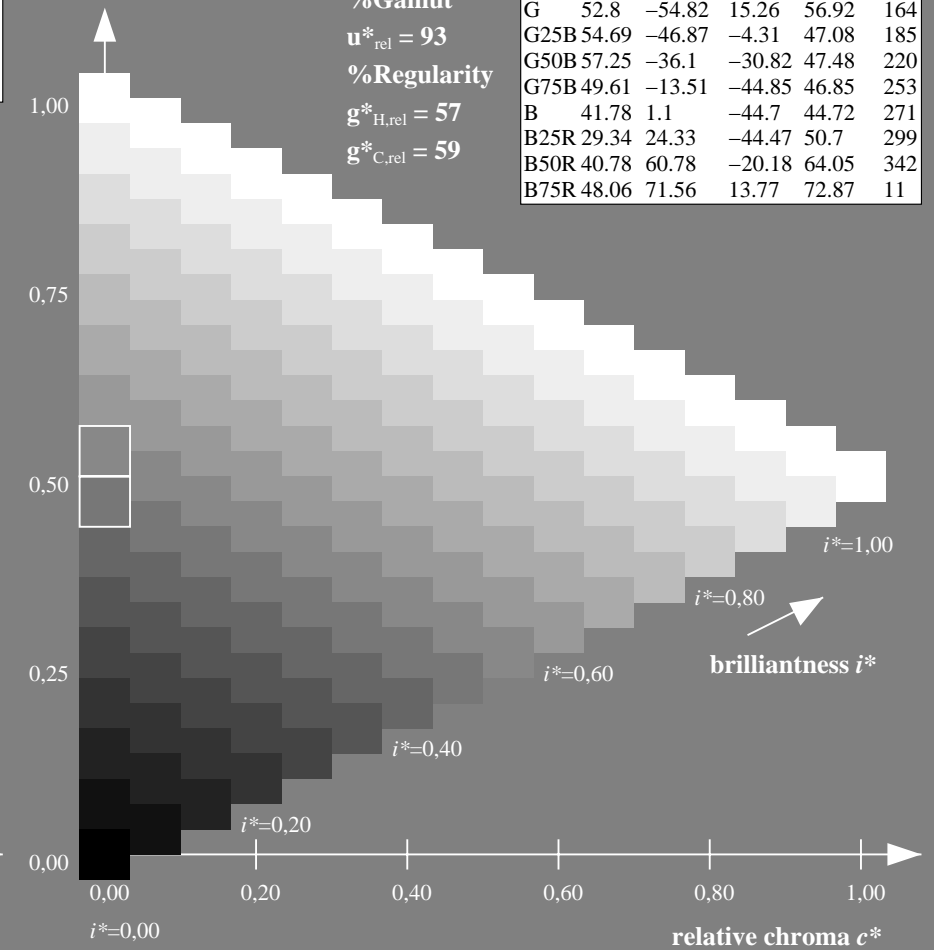
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE720-7N, 16 step scales for constant CIELAB hue 25/360 = 0.069 (right)

Input: Colorimetric Offset Reflective System ORS18

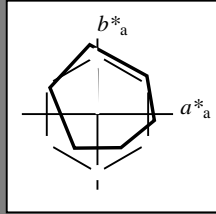
for hue $h^* = lab^*h = 92/360 = 0.255$

lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

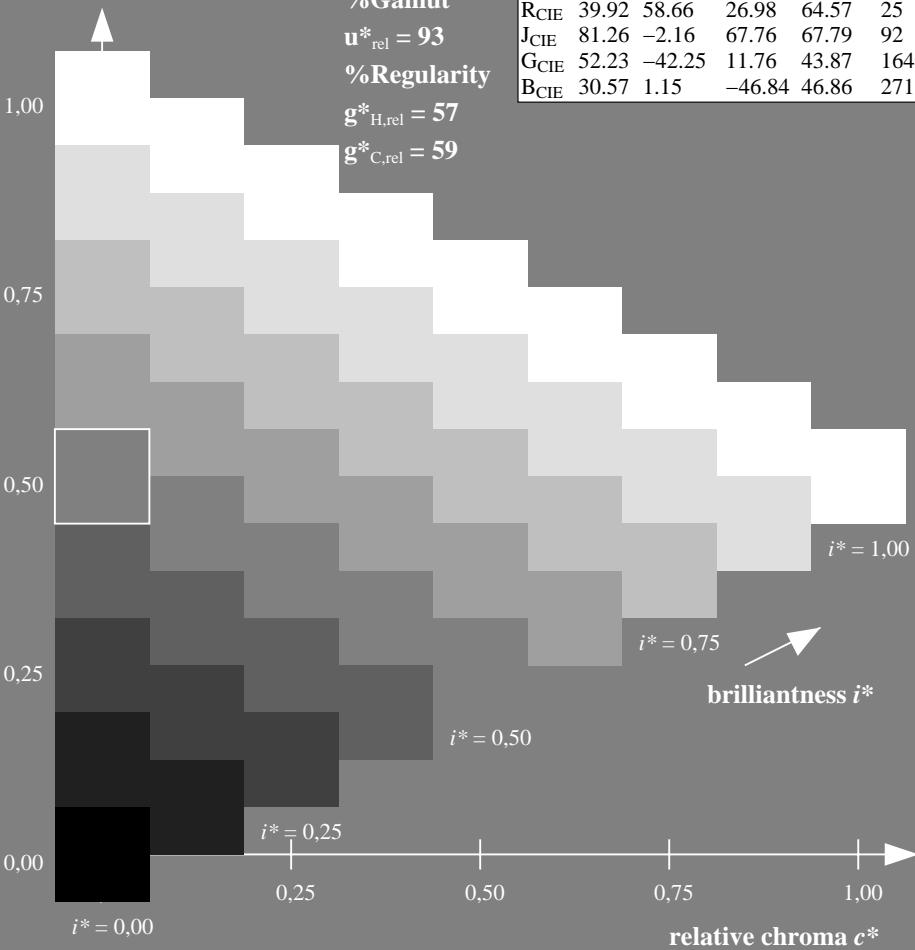
olv*Ma: 1.0 0.9 0.0



| 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 |
| R _{CIE} | 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 |

%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

triangle lightness t^*



ZE720-7N, 9 step scales for constant CIELAB hue 92/360 = 0.255 (left)

Output: Colorimetric Offset Reflective System ORS18

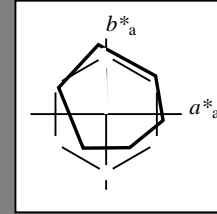
for hue $h^* = lab^*h = 92/360 = 0.255$

lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

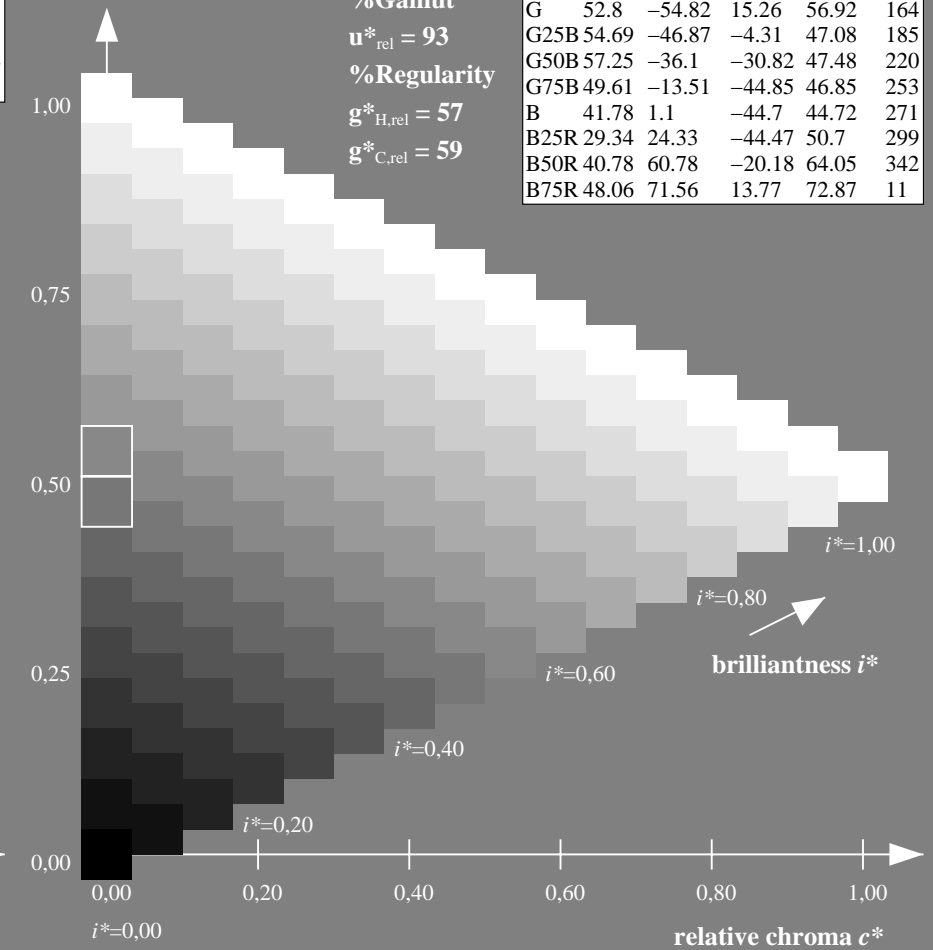
olv*Ma: 1.0 0.9 0.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

triangle lightness t^*



ZE720-7N, 16 step scales for constant CIELAB hue 92/360 = 0.255 (right)

Input: Colorimetric Offset Reflective System ORS18

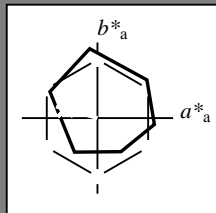
for hue $h^* = lab^*h = 164/360 = 0.457$

lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25



%Gamut

$u^*_{rel} = 93$

%Regularity

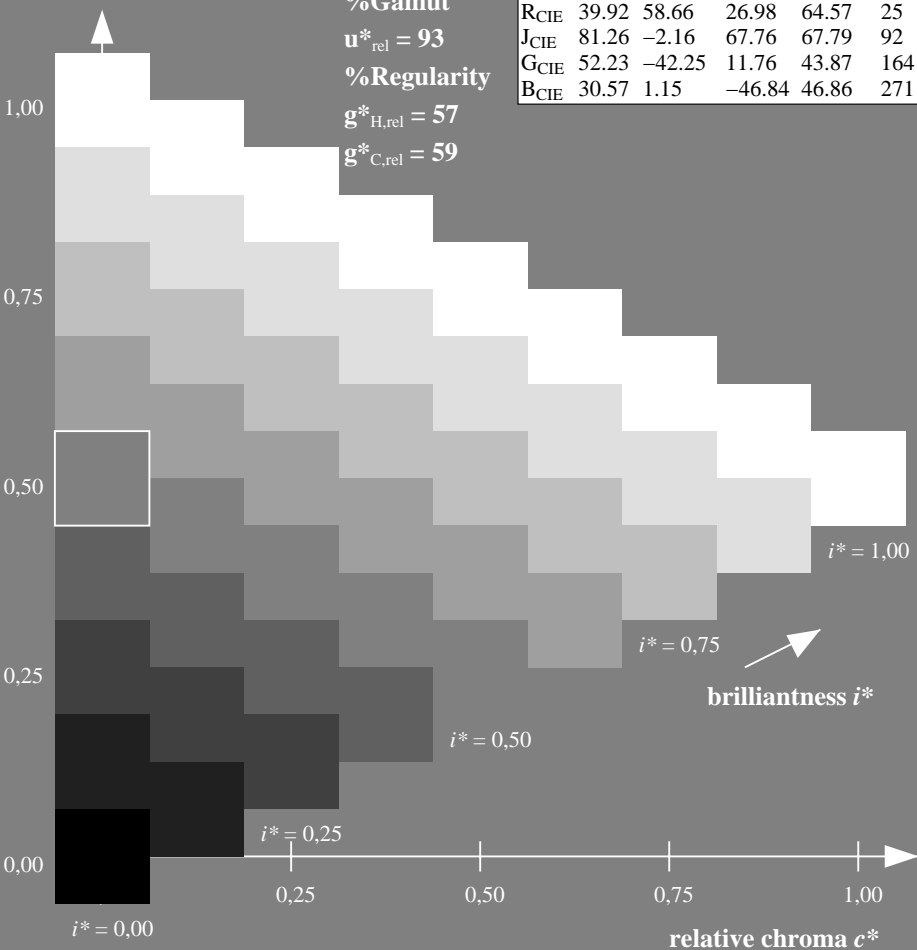
$g^*_{H,rel} = 57$

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

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 |
| R _{CIE} | 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 |

triangle lightness t^*



ZE720-7N, 9 step scales for constant CIELAB hue 164/360 = 0.457 (left)

Output: Colorimetric Offset Reflective System ORS18

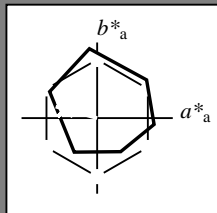
for hue $h^* = lab^*h = 164/360 = 0.457$

lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25



%Gamut

$u^*_{rel} = 93$

%Regularity

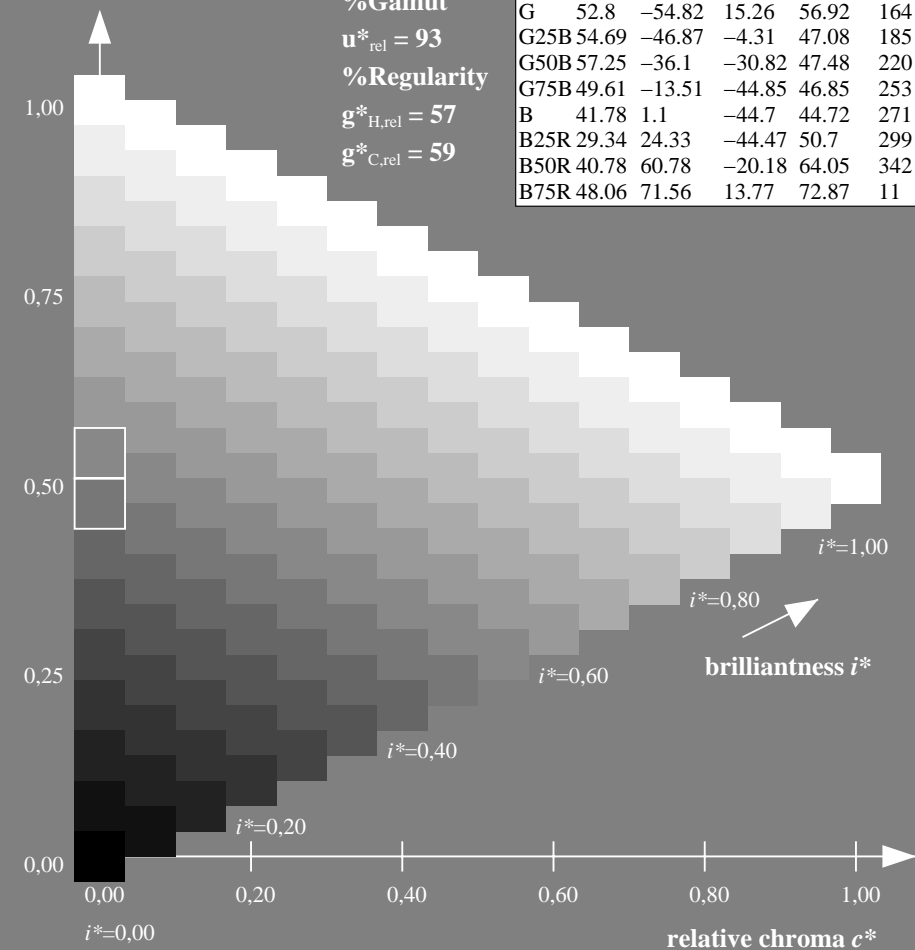
$g^*_{H,rel} = 57$

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

ORS18; adapted (a) CIELAB data

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



ZE720-7N, 16 step scales for constant CIELAB hue 164/360 = 0.457 (right)

Input: Colorimetric Offset Reflective System ORS18

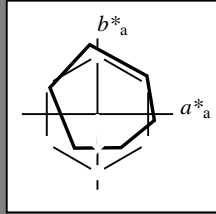
for hue $h^* = lab^*h = 271/360 = 0.754$

lab^*tch and lab^*nch

D65: hue B

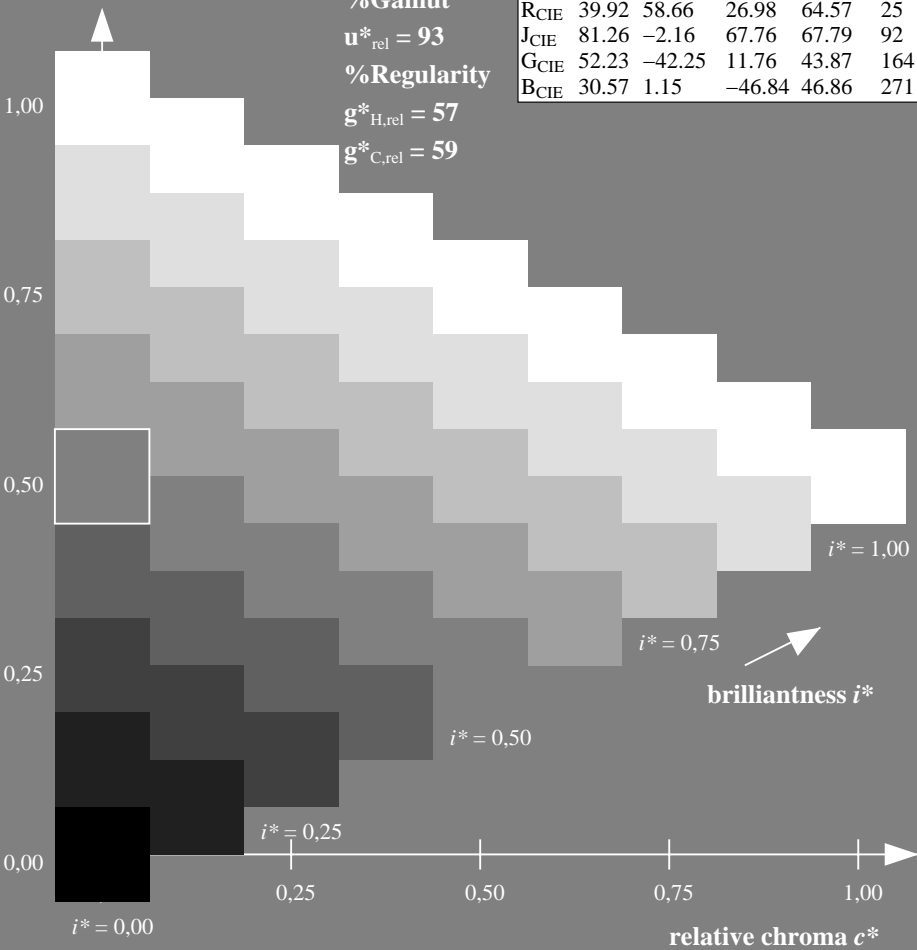
LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0



| 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 |
| R _{CIE} | 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 |

triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

Output: Colorimetric Offset Reflective System ORS18

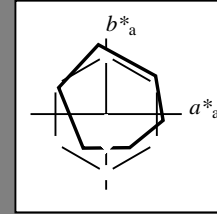
for hue $h^* = lab^*h = 271/360 = 0.754$

lab^*tch and lab^*nch

D65: hue B

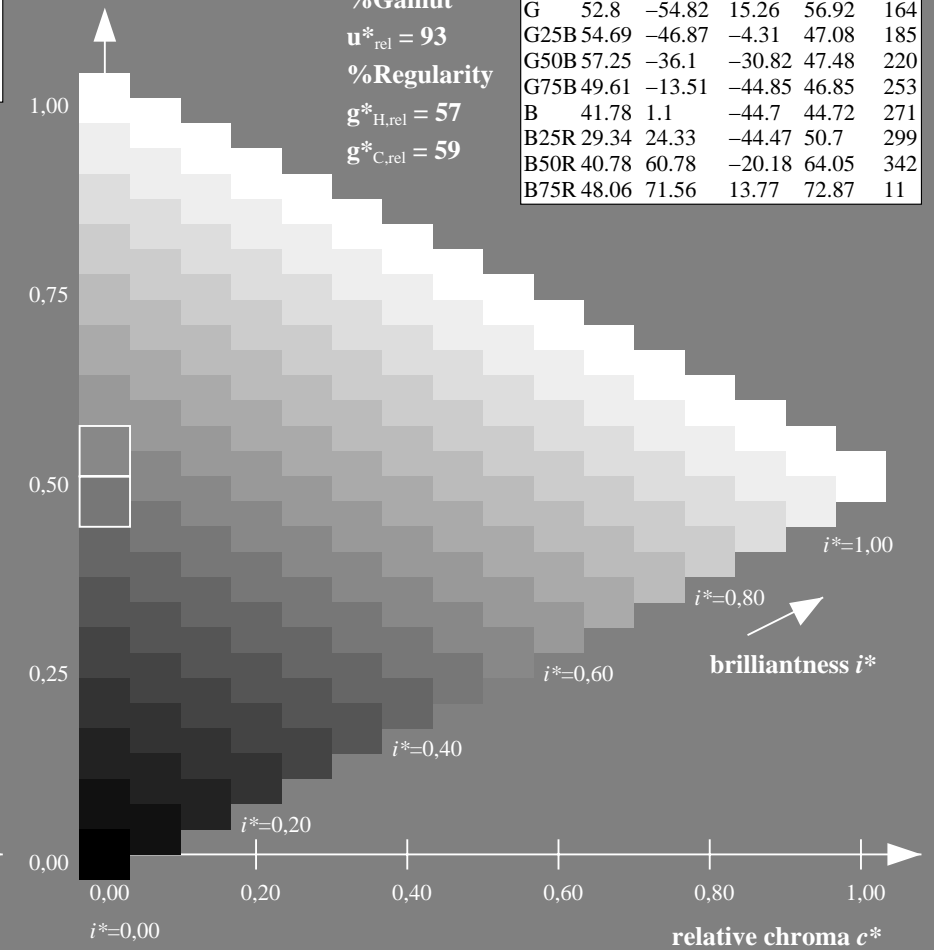
LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0



| ORS18; adapted (a) CIELAB data | | | | | |
|--------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R | 48.0 | 68.58 | 31.54 | 75.48 | 25 |
| R25J | 50.11 | 61.52 | 52.63 | 80.96 | 41 |
| R50J | 62.87 | 38.77 | 65.02 | 75.71 | 59 |
| R75J | 74.87 | 17.37 | 76.69 | 78.63 | 77 |
| J | 86.19 | -2.8 | 87.69 | 87.73 | 92 |
| J25G | 84.01 | -18.73 | 82.6 | 84.7 | 103 |
| J50G | 71.17 | -35.83 | 64.13 | 73.46 | 119 |
| J75G | 56.99 | -54.71 | 43.72 | 70.05 | 141 |
| G | 52.8 | -54.82 | 15.26 | 56.92 | 164 |
| G25B | 54.69 | -46.87 | -4.31 | 47.08 | 185 |
| G50B | 57.25 | -36.1 | -30.82 | 47.48 | 220 |
| G75B | 49.61 | -13.51 | -44.85 | 46.85 | 253 |
| B | 41.78 | 1.1 | -44.7 | 44.72 | 271 |
| B25R | 29.34 | 24.33 | -44.47 | 50.7 | 299 |
| B50R | 40.78 | 60.78 | -20.18 | 64.05 | 342 |
| B75R | 48.06 | 71.56 | 13.77 | 72.87 | 11 |

triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ZE720-7N, 9 step scales for constant CIELAB hue 271/360 = 0.754 (left)

ZE720-7N, 16 step scales for constant CIELAB hue 271/360 = 0.754 (right)