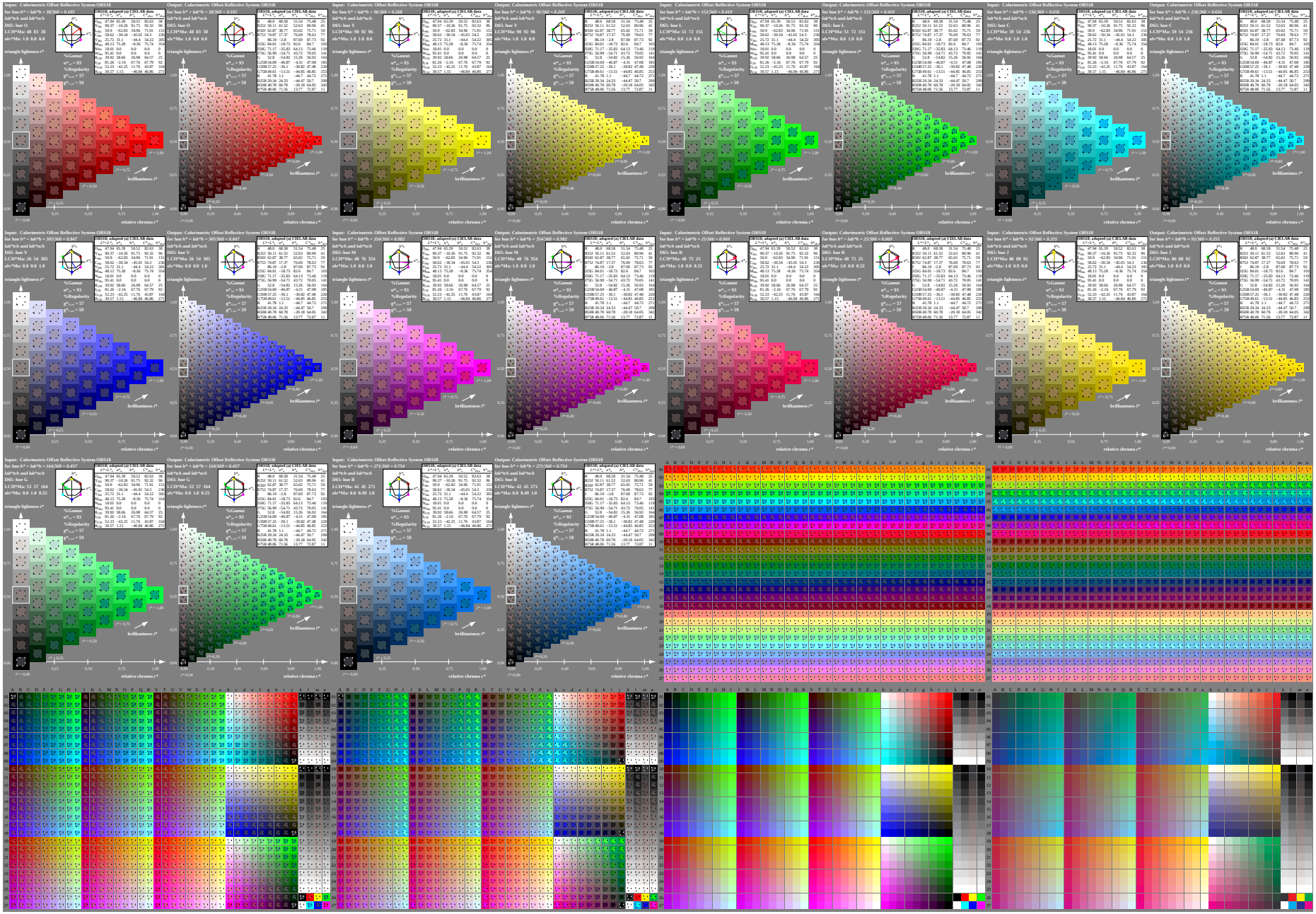
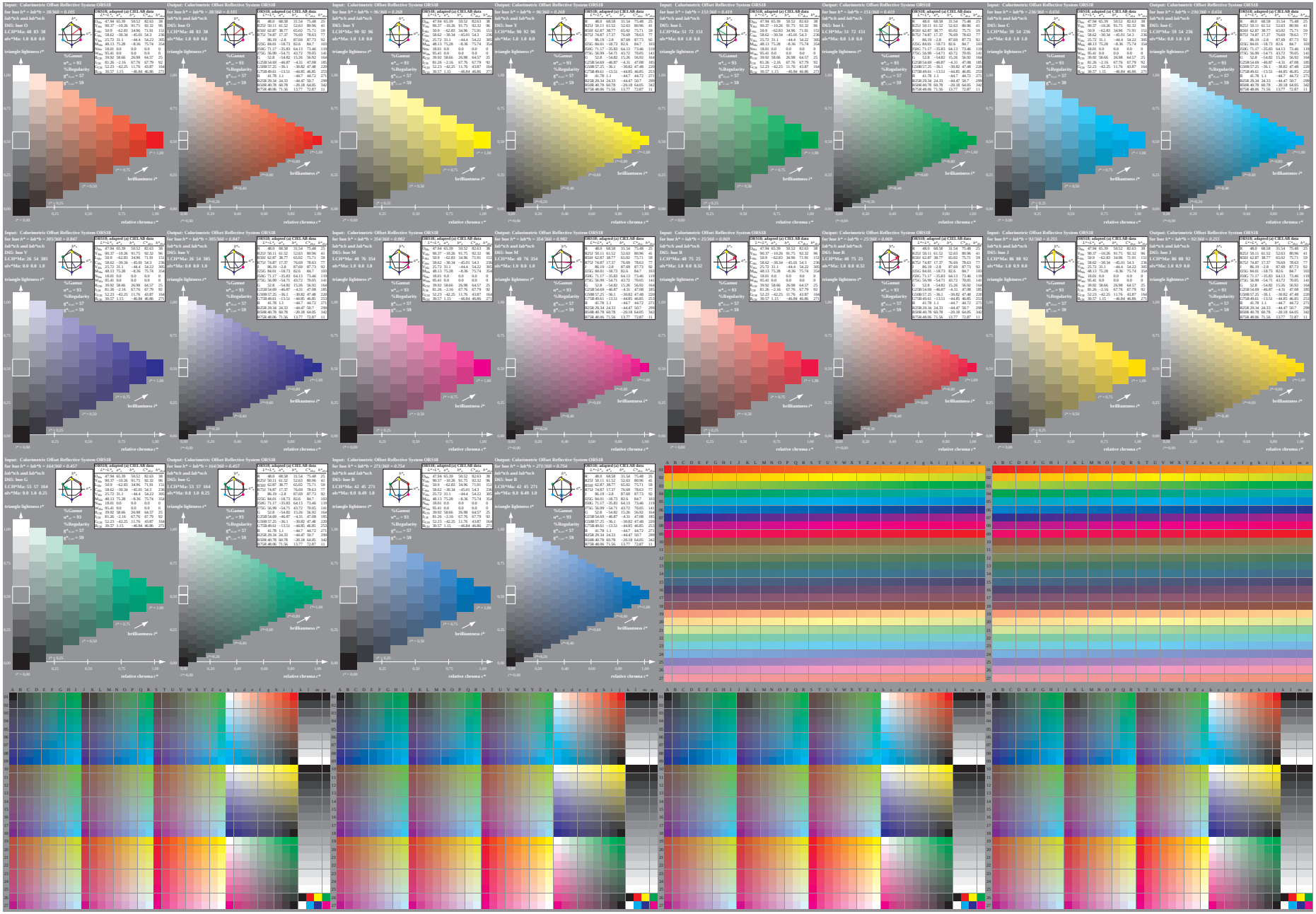
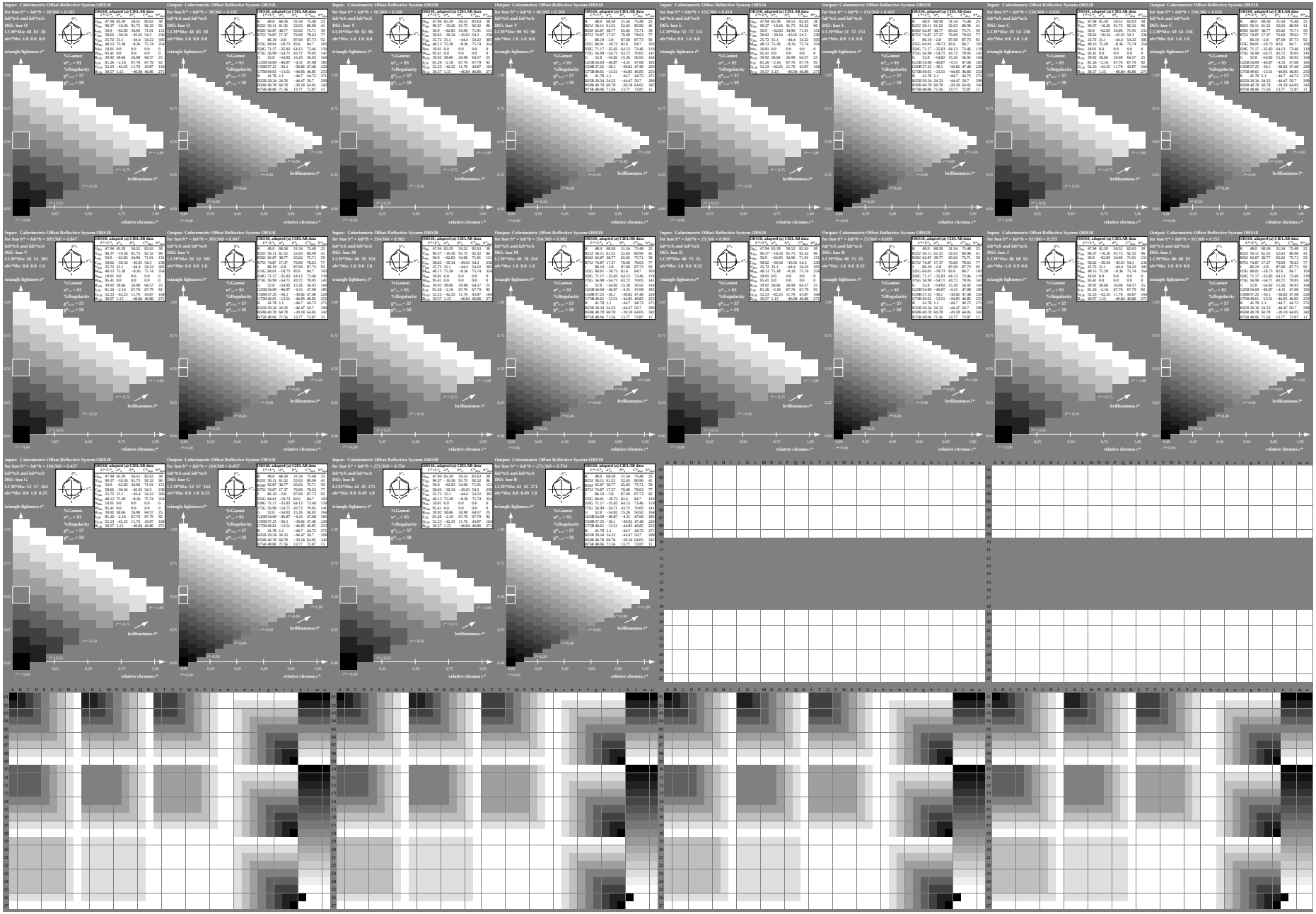



Input: Colorimetric Offset Reflective System OIRS10
Output: Colorimetric Offset Reflective System OIRS10
OIRS10, adapted (a) CILLAB data
triangle lightness /*
relative chroma c*
brilliantness /*


Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 38/360 = 0.105
lab*h and lab*nch
DS5: hue O
LCH*Ma: 48 83 38
sh*Ma: 1.0 0.0 0.0
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 38/360 = 0.105
lab*h and lab*nch
DS6: hue O
LCH*Ma: 48 83 38
sh*Ma: 1.0 0.0 0.0
Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 96/360 = 0.268
lab*h and lab*nch
DS5: hue Y
LCH*Ma: 90 92 96
sh*Ma: 1.0 1.0 0.0
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 96/360 = 0.268
lab*h and lab*nch
DS6: hue Y
LCH*Ma: 90 92 96
sh*Ma: 1.0 1.0 0.0
Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 151/360 = 0.419
lab*h and lab*nch
DS5: hue L
LCH*Ma: 51 72 151
sh*Ma: 0.0 1.0 0.0
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 151/360 = 0.419
lab*h and lab*nch
DS6: hue L
LCH*Ma: 51 72 151
sh*Ma: 0.0 1.0 0.0
Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 236/360 = 0.656
lab*h and lab*nch
DS5: hue C
LCH*Ma: 59 54 236
sh*Ma: 0.0 1.0 1.0
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 236/360 = 0.656
lab*h and lab*nch
DS6: hue C
LCH*Ma: 59 54 236
sh*Ma: 0.0 1.0 1.0
Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 305/360 = 0.847
lab*h and lab*nch
DS5: hue V
LCH*Ma: 26 54 305
sh*Ma: 0.0 0.0 1.0
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 305/360 = 0.847
lab*h and lab*nch
DS6: hue V
LCH*Ma: 26 54 305
sh*Ma: 0.0 0.0 1.0
Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 354/360 = 0.982
lab*h and lab*nch
DS5: hue M
LCH*Ma: 48 76 354
sh*Ma: 1.0 0.0 1.0
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 354/360 = 0.982
lab*h and lab*nch
DS6: hue M
LCH*Ma: 48 76 354
sh*Ma: 1.0 0.0 1.0
Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 25/360 = 0.069
lab*h and lab*nch
DS5: hue R
LCH*Ma: 48 75 25
sh*Ma: 1.0 0.0 0.32
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 25/360 = 0.069
lab*h and lab*nch
DS6: hue R
LCH*Ma: 48 75 25
sh*Ma: 1.0 0.0 0.32
Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 92/360 = 0.255
lab*h and lab*nch
DS5: hue J
LCH*Ma: 86 88 92
sh*Ma: 1.0 0.9 0.0
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 92/360 = 0.255
lab*h and lab*nch
DS6: hue J
LCH*Ma: 86 88 92
sh*Ma: 1.0 0.9 0.0
Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 164/360 = 0.457
lab*h and lab*nch
DS5: hue G
LCH*Ma: 53 57 164
sh*Ma: 0.0 1.0 0.25
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 164/360 = 0.457
lab*h and lab*nch
DS6: hue G
LCH*Ma: 53 57 164
sh*Ma: 0.0 1.0 0.25
Input: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 271/360 = 0.754
lab*h and lab*nch
DS5: hue B
LCH*Ma: 42 45 271
sh*Ma: 0.0 0.49 1.0
Output: Colorimetric Offset Reflective System OIRS18
for hue h* = lab*h = 271/360 = 0.754
lab*h and lab*nch
DS6: hue B
LCH*Ma: 42 45 271
sh*Ma: 0.0 0.49 1.0
OIRS18; adapted (a) CIELAB data
L* C*ab s*ab a*ab b*ab C*ab h*ab
K 48.0 68.58 31.54 75.48 25
Ocyan 50.11 61.52 52.63 80.96 41
Omagenta 60.62 82.87 38.77 65.02 75.71 59
Oyellow 87.52 74.87 17.37 76.69 78.63 77
O 86.19 -2.8 87.69 87.73 92
Ored 84.01 -18.73 82.6 84.7 100
Ogreen 71.17 -35.83 64.13 73.46 119
Oblue 56.99 -54.71 43.72 70.05 143
Ocyan+K 52.8 -54.82 15.26 56.92 164
Omagenta+K 81.26 -2.16 67.76 67.79 92
Oyellow+K 52.23 -42.25 11.76 43.87 164
Ogreen+K 30.57 1.15 -46.84 46.86 273
Ocyan+Omagenta 41.78 1.1 -44.7 44.72 271
Ocyan+Oyellow 82.92 29.34 24.33 -44.47 50.7 299
Omagenta+Oyellow 80.88 40.78 60.78 -20.18 64.05 342
Ocyan+Omagenta+Oyellow 58.48 86.06 71.56 13.77 72.87 11
%Gamut
%Regularity
triangle lightness l*
relative chroma c*
brilliantness j*