

color-convert <ims>

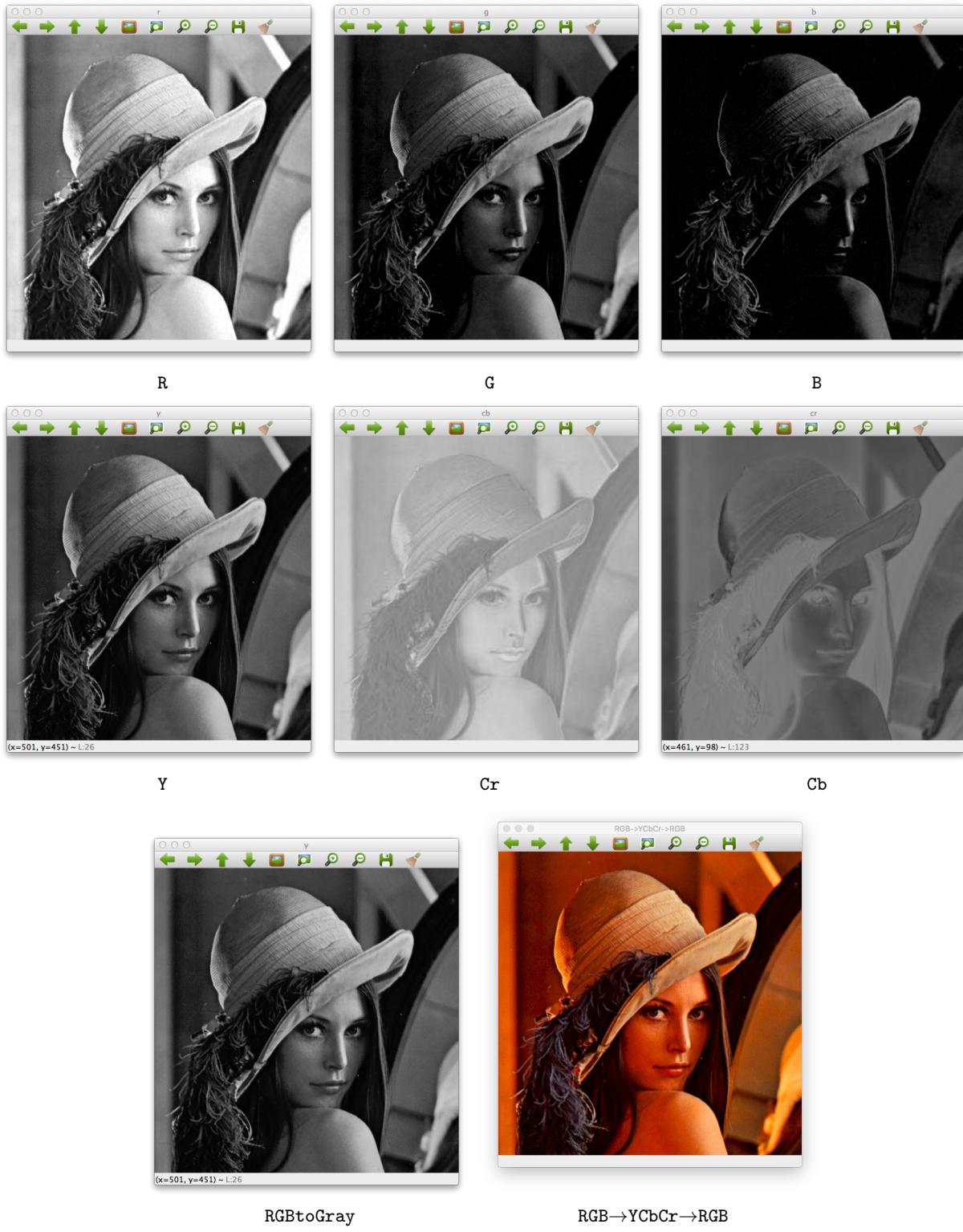
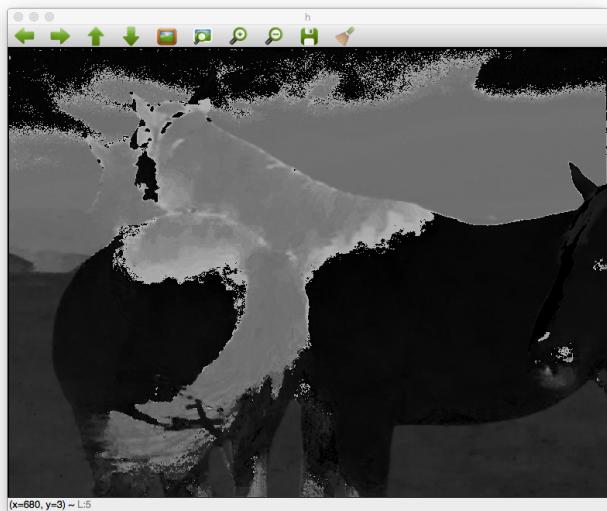
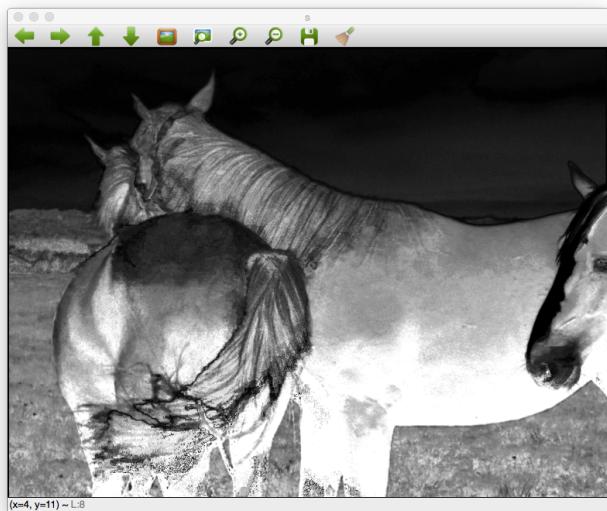


FIGURE 1 – ./color-convert ../../data/lena\_color.png

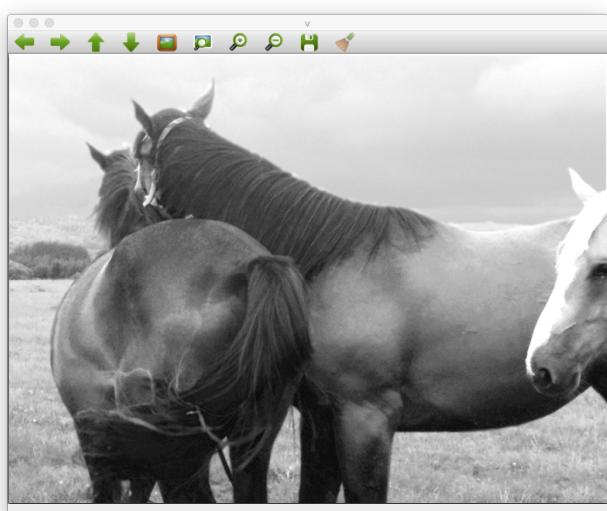
```
hsv-modification <h> <s> <v> <ims> <imd>
```



Affichage du canal *h*



Affichage du canal *s*



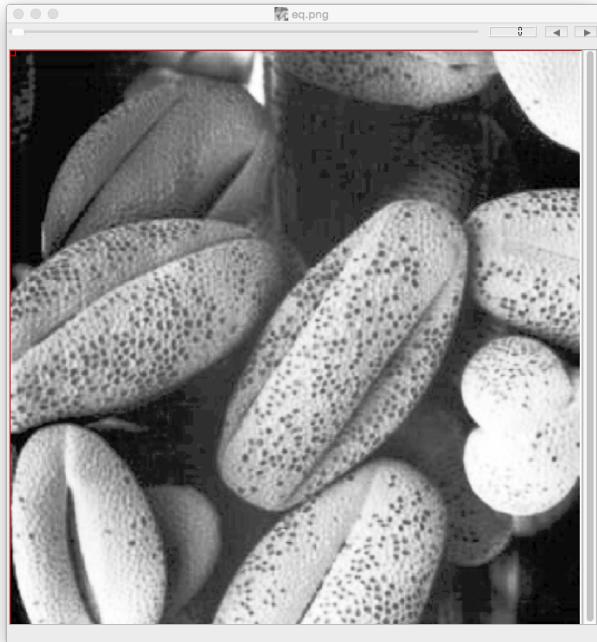
Affichage du canal *v*



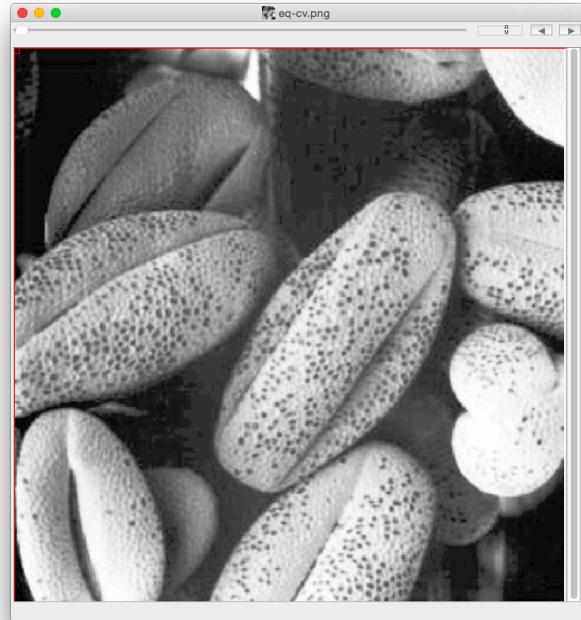
pvisu horse-hsv.png

FIGURE 2 – ./hsv-modification 100 0 0 ../../data/horse.png horse-hsv.png

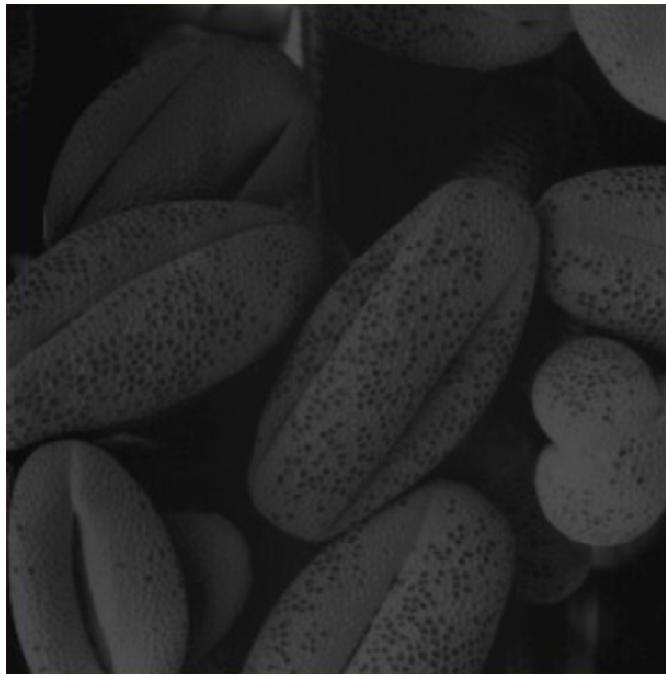
eq-histogram <ims>



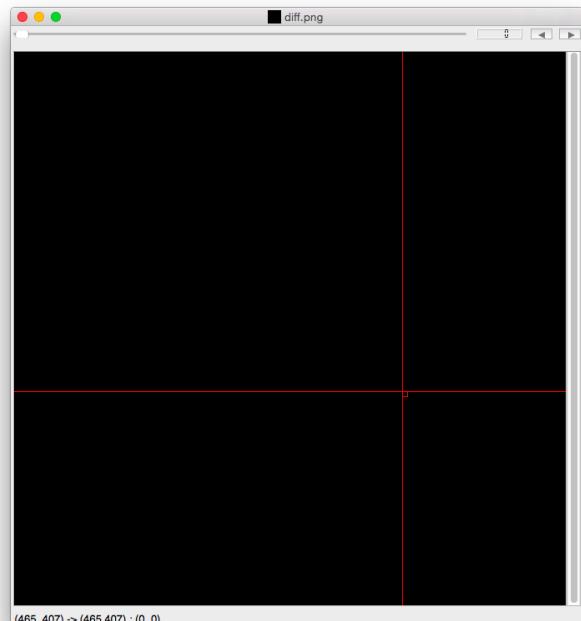
pvisu eq.png



pvisu eq-ocv.png



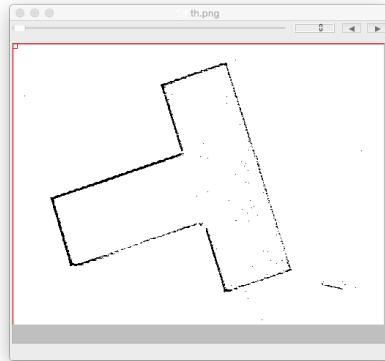
pvisu eq-ex.png



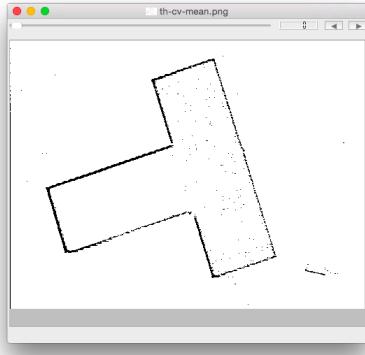
pvisu diff.png

FIGURE 3 – ./eq-histogram ../../data/eq-ex.png

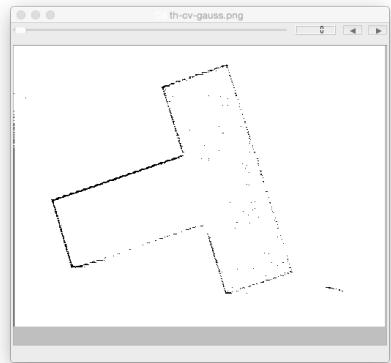
```
adaptative-th <ims> <radius> <const>
```



pvisu th.png



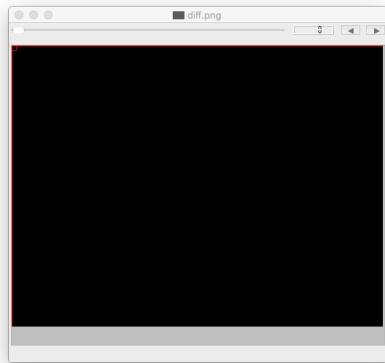
pvisu th-cv-mean.png



pvisu th-cv-gauss.png



pvisu th-ex.png



pvisu diff.png

FIGURE 4 – ./adaptative-th ../data/th-ex.png 3 4

otsu <ims>

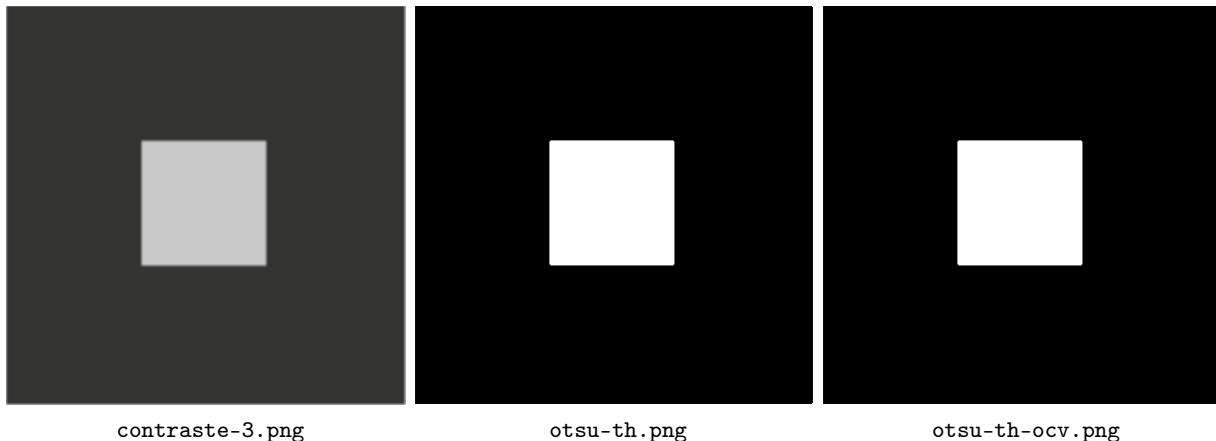


FIGURE 5 – ./otsu ../../data/contraste-c3.png



FIGURE 6 – ./otsu ../../data/text.png

```
● ○ ●  otsu — ta@porcinet: ~/Svn/ta/teaching-improc/src-m2/otsu — bash — 80x24
[ta@porcinet]otsu ../../data/contraste-3.png
convert color to gray
manual otsu threshold t = 119
init done
ocv otsu threshold t = 119
[ta@porcinet]otsu ../../data/text.png
convert color to gray
manual otsu threshold t = 101
init done
ocv otsu threshold t = 101
[ta@porcinet]otsu
```

FIGURE 7 – Sortie standard