Pixels and Colors

Basic color representation and pixel creation in julia.

```
- using Images

- # Single pixels ... in a row
begin
- blk = RGB(0, 0, 0)
- whi = RGB(1, 1, 1)
- red = RGB(1, 0, 0)
- gre = RGB(0, 1, 0)
- blu = RGB(0, 0, 1)
- rowImage = [blk whi red gre blu]
- end

Array{RGB{Normed{UInt8,8}},2}
- typeof(rowImage)

RED level: r_lvl

- O.O

GRE level: g_lvl
- O.O

BLU level: b_lvl
- O.O
```

Image from Data

Basic image creation from data

```
hcat(
    fill(red, (1, 3)),
    fill(gre, (1, 1)),
    fill(blu, (1, 2))

using Random

tmp = hcat(
    fill(blu, (200, 21)),
    fill(whi, (200, 200)),
    fill(whi, (200, 79)),
    fill(red, (200, 79)),
    tmp, shuffle(tmp)

begin
    save("01-example-01-ordered.png", tmp)
    save("01-example-02-shuffled.png", shuffle(tmp))
    save("01-example-02-shuffled.png", shuffle(tmp))
```