

# RGB Colors

- Each value of R/G/B needs to be [0, 255]
- White is R255, G255, B255; Black is 0, 0, 0
- `turtle.colormode(255)`
- `turtle.bgcolor(int(red), int(green), int(blue))`
  - Must be int!

## min() and max()

- we use max() to make sure the value doesn't go below zero
  - `value = max(value, 0)`
- we use min() to make sure the value doesn't go beyond 255
  - `value = min(value, 255)`

# Operators

- $A^{**}B \rightarrow A^B$
- $A//B \rightarrow$  integer division
- Any number  $!= 0 \rightarrow \text{True}$ ;
- non-empty list/tuple/string  $\rightarrow \text{True}$
- $\text{count} += 1$  is the same as  $\text{count} = \text{count} + 1$
- $\text{ele in list} \rightarrow$  check if ele is one element of list



- *Highest precedence* -

( )

\*\*

-x, +x

\*, /, %, //

+, -

<, >, <=, >=, !=, ==

in, not in

logical not

logical and

logical or

- *Lowest precedence* -