

Mix a colour

Every colour is a mix of red, green and blue. Each number goes from 0 to 255.

Name: _____

Date: _____

Part 1 Predict the colour

Write your guess in each box.

Word bank: red green blue yellow orange pink purple cyan magenta black white grey

(255, 0, 0)

Checked ☐

(0, 0, 255)

Checked ☐

(255, 255, 0)

Checked ☐

(0, 0, 0)

Checked ☐

(255, 0, 255)

Checked ☐

(128, 128, 128)

Checked ☐

Part 2 Write the RGB numbers

Fill in three numbers for each colour.

Bright green

R

G

B

☐

White

R

G

B

☐

Black

R

G

B

☐

Orange (guess!)

R

G

B

☐

Part 3 Check it on the computer

Open `image_explore.py` and find the **TRY IT: mix a colour** block. Change the three numbers in `show_colour(230, 30, 30)` to test each colour above, then tick the boxes you checked.

```
show_colour(255, 0, 0)
```

What surprised you?