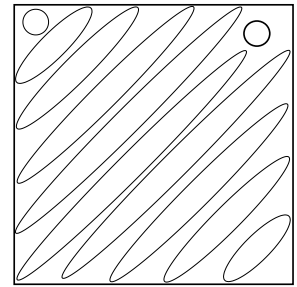


## On the Subject of RGB Sequences

*What are you, if not less than the sum of your parts?*



- Ten LEDs will show an arrangement of colors while utilizing RGB color mixing.
- Using the table below, determine the three rows used to color the LEDs.
- Each LED, from top left to bottom right with a starting index of zero, corresponds to a column in the table below, mixing all colors.
- Having two of the same color makes it show up as normal, and black does not contribute to any color channel.

### Table of Importance

	01	02	03	04	05	06	07	08	09	10
01	Red	Black	Blue	Black	Green	Blue	Green	Red	Black	Green
02	Blue	Blue	Green	Black	Black	Red	Black	Red	Green	Blue
03	Black	Red	Black	Green	Green	Green	Red	Red	Red	Blue
04	Red	Green	Green	Blue	Black	Black	Black	Green	Red	Green
05	Red	Red	Black	Blue	Red	Blue	Green	Blue	Green	Black
06	Green	Black	Blue	Red	Red	Black	Blue	Blue	Blue	Green
07	Red	Blue	Red	Blue	Green	Red	Blue	Black	Green	Black
08	Green	Red	Black	Blue	Blue	Blue	Red	Red	Blue	Green
09	Black	Blue	Red	Red	Blue	Red	Green	Black	Black	Blue
10	Blue	Blue	Green	Blue	Red	Blue	Red	Blue	Blue	Red

- Take the product of the three row numbers and do the following:
  - If there is at least one vowel and one consonant in the serial number, take the sum of each digit until it is one digit.
  - Otherwise, use the last digit.
- Press that corresponding LED.

