

```
1  /* File Name: rgbValues.ch
2  *
3  * This program changes the Linkbot's LED to one of these colors: red,
4  * blue, green, pink, purple, orange, or aqua and outputs its RGB value.
5  *
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7  */
8
9  #include <linkbot.h>
10
11 int main() {
12     CLinkbotI bot;
13     string_t colors[] = {"red", "blue", "green", "pink", "purple",
14         "orange", "aqua"};
15     int rVal, gVal, bVal;
16     string_t colorName;
17
18     colorName = colors[randint(0, 6)];
19     bot.setLEDColor(colorName);
20     bot.getLEDColorRGB(rVal, gVal, bVal);
21
22     printf("%s [%d,%d,%d]\n", colorName, rVal, gVal, bVal);
23     sleep(3);
24
25     return 0;
26 }
27
```