

**ALENAS**  
**DIPLOM**

Die Welt von Alena.

**REGENBOGEN  
MASCHINE**

EINE INSTALLATION VON ALENA GEORGI UND STEFAN LAUTERBACH









```

#include <DmxMaster.h>
#include <RCSwitch.h>
RCSwitch mySwitch;
int brightness;
void setup() {
//Serial.begin(9600);
// Transmitter is connected to Arduino Pin #10
mySwitch.enableTransmit(10);
// mySwitch.setPulseLength(360);
DmxMaster.usePin(3);
DmxMaster.maxChannel(1);
}
void loop() {
mySwitch.switchOff('c', 2);
delay(1000); //
mySwitch.switchOn('b', 1);
mySwitch.switchOn('a', 1);
delay(1000);
for (brightness = 0; brightness <= 255; brightness++) {
DmxMaster.write(1, brightness);
delay(10); //
}
delay(10000); // 10 Sekunden Regenbogen
for (brightness = 255; brightness >= 0; brightness = brightness - 1) {
/* Update DMX channel 1 to new brightness */
DmxMaster.write(1, brightness);
/* Small delay to slow down the ramping */delay(10);
}
mySwitch.switchOff('a', 1);
mySwitch.switchOff('b', 2);
delay(2000);
mySwitch.switchOn('c', 2);
delay(120000);
}

```



















