

```
Main.java x Color.java
1 public class Main {
2     public static void main(String[] args) {
3         Color color1 = new Color(r: 255, g: 0, b: 0, a: 255);
4         Color color2 = new Color(r: 0, g: 255, b: 0);
5         Color color3 = new Color(r: 0, g: 0, b: 255, a: 128);
6
7         System.out.println("Color1: " + color1);
8         System.out.println("Color2: " + color2);
9         System.out.println("Color3: " + color3);
10    }
11 }
12
```

```
Main.java x Color.java x
1 public record Color(int r, int g, int b, int a) { 6 usages new *
2
3     public Color { 3 usages new *
4         if (r < 0 || r > 255 || g < 0 || g > 255 || b < 0 || b > 255 || a < 0 || a > 255) {
5             throw new IllegalArgumentException("Każda wartość musi być w zakresie 0-255.");
6         }
7     }
8
9     public Color(int r, int g, int b) { 1 usage new *
10         this(r, g, b, a: 0);
11     }
12 }
13
```

```
"C:\Program Files\Java\jdk-23\bin\java.exe"
Color1: Color[r=255, g=0, b=0, a=255]
Color2: Color[r=0, g=255, b=0, a=0]
Color3: Color[r=0, g=0, b=255, a=128]

Process finished with exit code 0
```