

**Directions:** Use the Hub and other simulations to find the RGB values that make the colors of the Mood Ring. Fill the values into the chart and the code.



Color	RGB Value
Black	0 0 0
Red	
Orange	
Green	
Turquoise	
Cyan	
Blue	
Pink	
Yellow	
Purple	

```

If t<24 Then
  Send "SET COLOR 0 0 0"
  DispAt 5,"You are STRESSED"
Elseif 24≤t<25 Then
  Send "SET COLOR ___"
  DispAt 5,"You are NERVOUS"
Elseif 25≤t<26 Then
  Send "SET COLOR ___" DispAt 5,"You are UNSETTLED"
Elseif 26≤t<27 Then
  Send "SET COLOR ___"
  DispAt 5,"You are ACTIVE"
Elseif 27≤t<28 Then
  Send "SET COLOR ___"
  DispAt 5,"You are RELAXED"
Elseif 28≤t<29 Then
  Send "SET COLOR ___"
  DispAt 5,"You are LOVEABLE"
Elseif 29≤t<30 Then
  Send "SET COLOR ___"
  DispAt 5,"You are ROMANTIC"
Elseif 30≤t<31 Then
  Send "SET COLOR ___"
  DispAt 5,"You are HAPPY"
Elseif 31≤t<32 Then
  Send "SET COLOR ___"
  DispAt 5,"You are TIRED"
Elseif t≥32 Then
  Send "SET COLOR ___"
  DispAt 5,"You are CALM"
Endif
  
```

**Directions:** Use colored pencils that match the mood color to draw in the inequalities used in the code above.

