

Topic 3.7 Creating a Customized Color Palette

There are times when it may be useful to create a customized color chart that includes a specific array of colors. For example, the chart below shows a sequence of colors and associated pen numbers associated with each color.

Color Chart	
<i>Color</i>	<i>Pen #</i>
Red	4
Orange	9
Gold	11
Yellow	17
Lime	20
Green	37
Cyan	48
Aqua	54
Blue	61
Purple	73
Violet	78
Magenta	87
Gray	66

The pen numbers associated with the colors selected can be placed in a list.

```
list 4 9 11 17 20 37 48 54 61 73 78 87 66 <>
```

The list of pen numbers can then be assigned to a variable.

```
set Color-Chart to list 4 9 11 17 20 37 48 54 61 73 78 87 66 <>
```

The **Item** code block can then be used to select a random pen number from the color chart.



The method can then be used to set the **Pen Hue** to a pen number randomly selected from a specific palette of colors.