

Configuring

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Creating a color mapping table (example)

This example shows how to create a color mapping table to print an Advanced Function Presentation (AFP) file that contains pie charts in the color green.

The pie chart appears as a series of horizontal lines. As explained in the chapter “Graphic primitives and attributes” in *Graphics Objects Content Architecture for Advanced Function Presentation Reference*, these horizontal lines are created by a Pattern Output Primitive with a hexadecimal value of '0B'(11).

To turn these horizontal lines into a shade of green when using a ColorSpace source group of GOCA to map to a target group value of RGB, specify a low value for red (12), a high value for green (252), and a value under 50 for blue (42) to provide a clear contrast.

1. Change to the `/usr/lpp/psf/config (Linux) C:\Program Files (x86)\InfoPrint\PSF\config (Windows)` directory:

```
For Linux:  
cd /usr/lpp/psf/config  
For Windows:  
cd C:\Program Files (x86)\InfoPrint\PSF\config
```

2. Copy the sample color mapping table configuration file to a file you can customize for your own purposes:

```
For Linux:  
cp cmt.cfg pie1.cfg  
For Windows:  
copy cmt.cfg pie1.cfg
```

3. Edit the `pie1.cfg` file:

1. Add these lines between the `BeginSourceDef:` and `EndSourceDef:` keywords:

```
ColorSpace: GOCA  
ColorValue: 11  
ObjectType: GOCAData
```

2. Add these lines between the `BeginTargetDef:` and `EndTargetDef:` keywords:

```
ColorSpace: RGB  
ColorValue: 12 252 42
```

3. Save the `pie1.cfg` file.

4. Run the `cmt` utility to create the color mapping table object file that will be used when you submit the job for printing:

```
cmt -i pie1.cfg -o pie1.set
```

5. Run the `cmt` utility again to verify your color mapping table values:

```
cmt -i pie1.set -o pie2.cfg
```

6. Compare `pie1.cfg` and `pie2.cfg`.

If your color mapping table values are valid, they should be the same.

Parent topic: [Color mapping table source and output files](#)