
Subject: Re: Ring in function graphics

Posted by chris_torrence@NOSPAM on Thu, 19 Feb 2015 18:41:11 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Thursday, February 19, 2015 at 9:07:27 AM UTC-7, Helder wrote:

```
> Hi,  
> is it possible to draw a ring in fg?  
> For example, given two circles:  
> c = [0.5,0.5]  
> rl = 0.1  
> rh = 0.2  
> i = image(/test)  
> io = ellipse(c[0], c[1], major=rh, fill_background=1, /norm, target=i)  
> ic = ellipse(c[0], c[1], major=rl, fill_background=0, /norm, target=i)  
>  
> I would like to "see through" the inner circle (ic).  
>  
> Thanks,  
> Helder
```

You can use a single call to POLYGON:

```
a = findgen(101)/100*2*!PI  
x = 0.5 + [0.3*SIN(a), 0.2*SIN(a)]  
y = 0.5 + [0.3*COS(a), 0.2*COS(a)]  
w = WINDOW()  
p = POLYGON(x, y, FILL_COLOR='red', /NORMAL, LINESYLE='none')
```

-Chris
