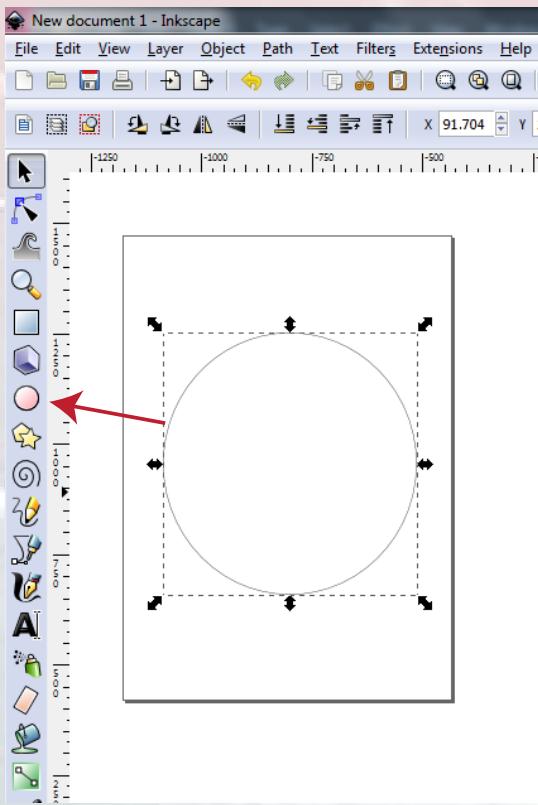


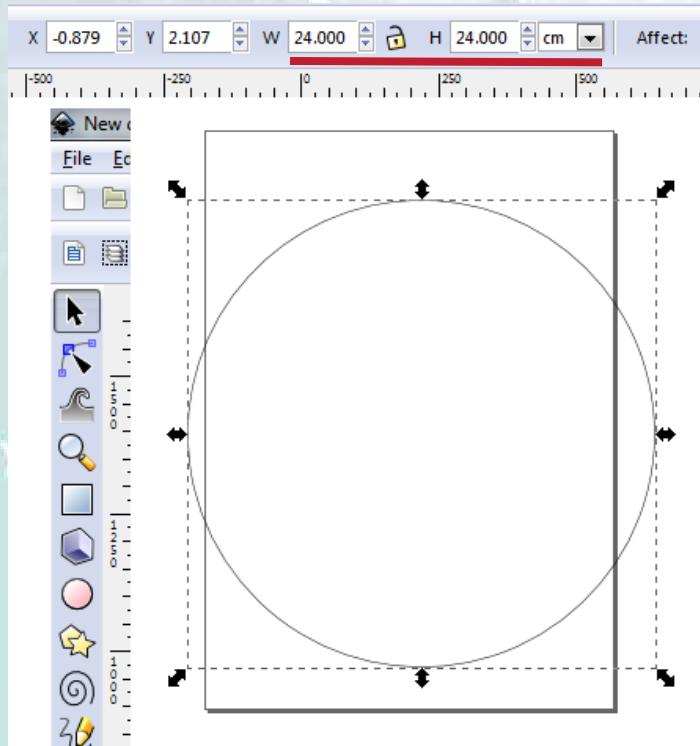
draw a pie segment with given angle in inkscape



1. Draw a circle with the Circle Tool:

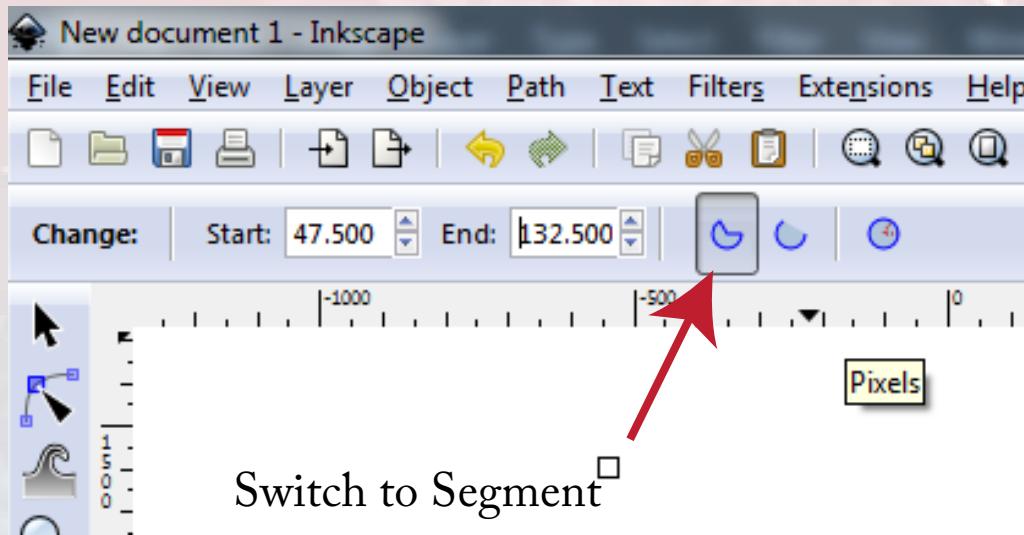


2. Change the size, if necessary by selecting the circle with the Selection Tool (the Black Arrow in the Tools Control) and changing the Height and Width (remember the Radius is half the height of a circle as this may be useful to you).



I wanted a radius of 12 cm so made my circle 24 cm high.

3. Click on the Circle Tool again then select 'Switch to Segment' in the Tools Control Bar



4. Enter the Start and End values as appropriate. I could simply enter, say, Start = 0 and End = 85° (for a 85 degree segment)... It will do the job!

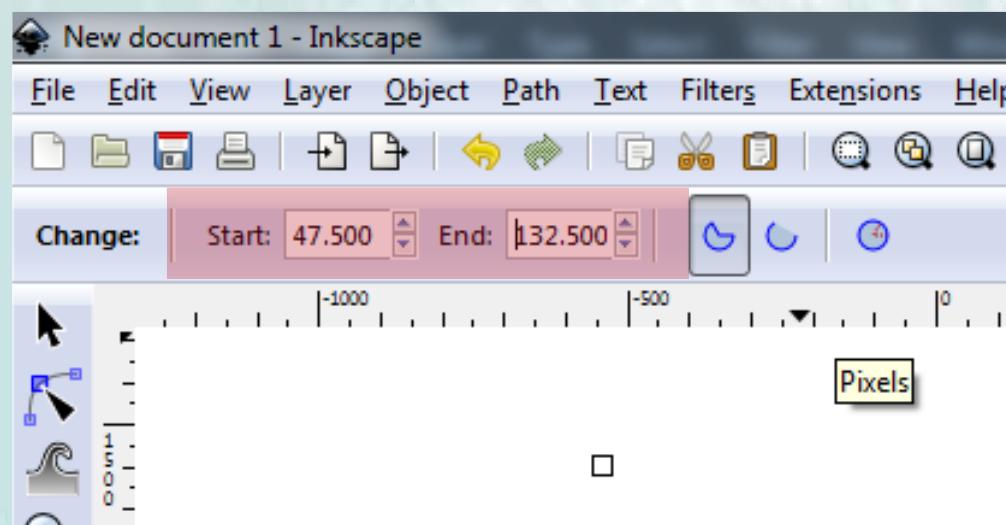
However, if you would like your segment to stand pointy side up and be symmetrical down the y axis, start with 90 then TAKE AWAY half of the angle you want:

Start: For an 85 degree angle, this would give:

$$90 - 42.5 = \textcolor{red}{47.5}$$

End: Again take 90 and this time ADD half the angle you want, (in my case, 85 divided by 2 gives 42.5):

$$\text{End: } 90 + 42.5 = \textcolor{red}{132.5}$$



Finally, click Enter to get the segment: with an 85 degree angle, 12cm height (radius) and standing pointy side up, nicely symmetrical down the vertical axis.

