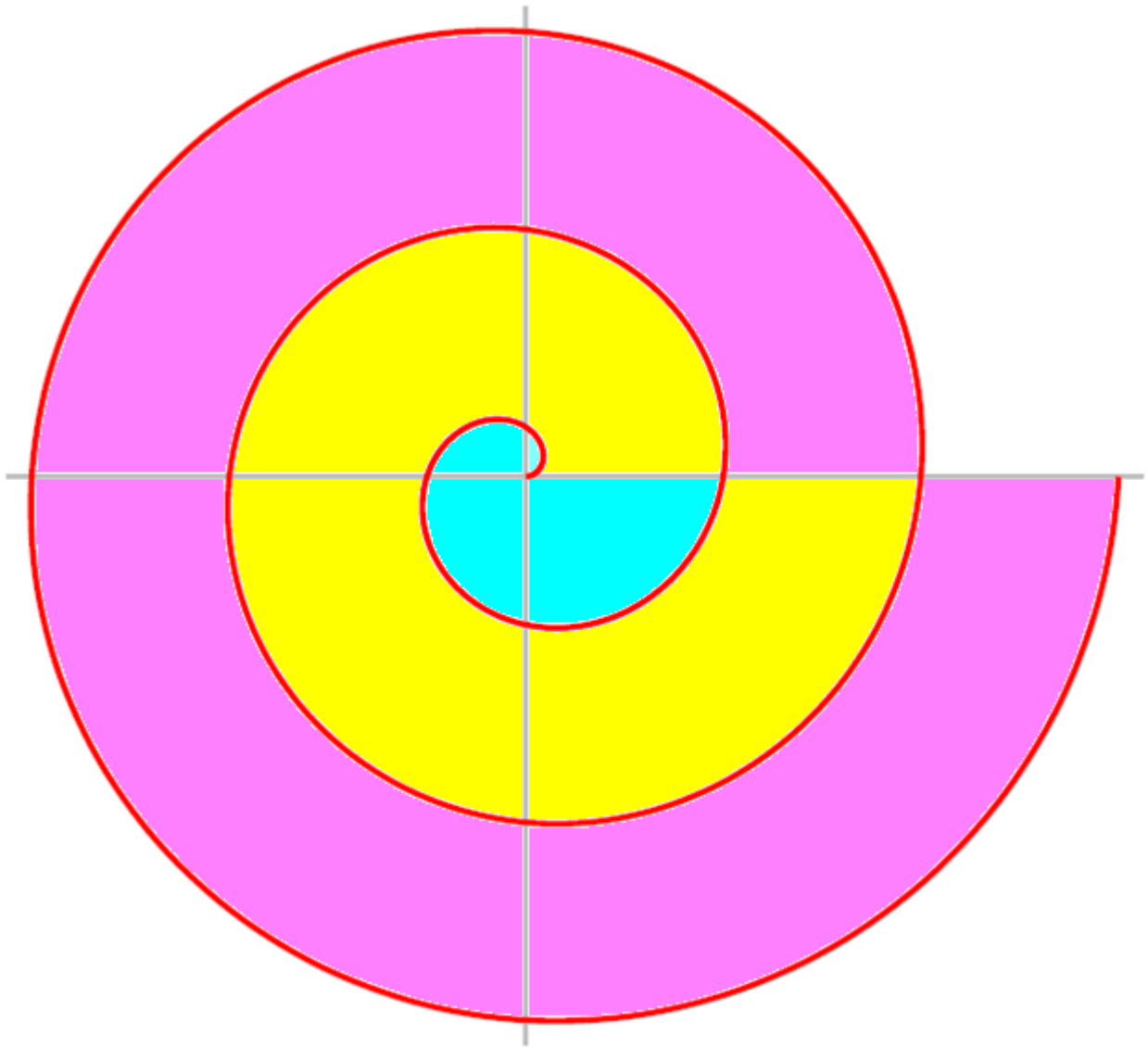# Regions bounded by the Archimedean spiral $r = \theta$

The turquoise region is bounded by the spiral for θ between 0 and 2π, the yellow region is bounded by two pieces of the spiral for θ between 2π and 4π, and the pink region is bounded by two pieces of the spiral for θ between 4π and 6π.