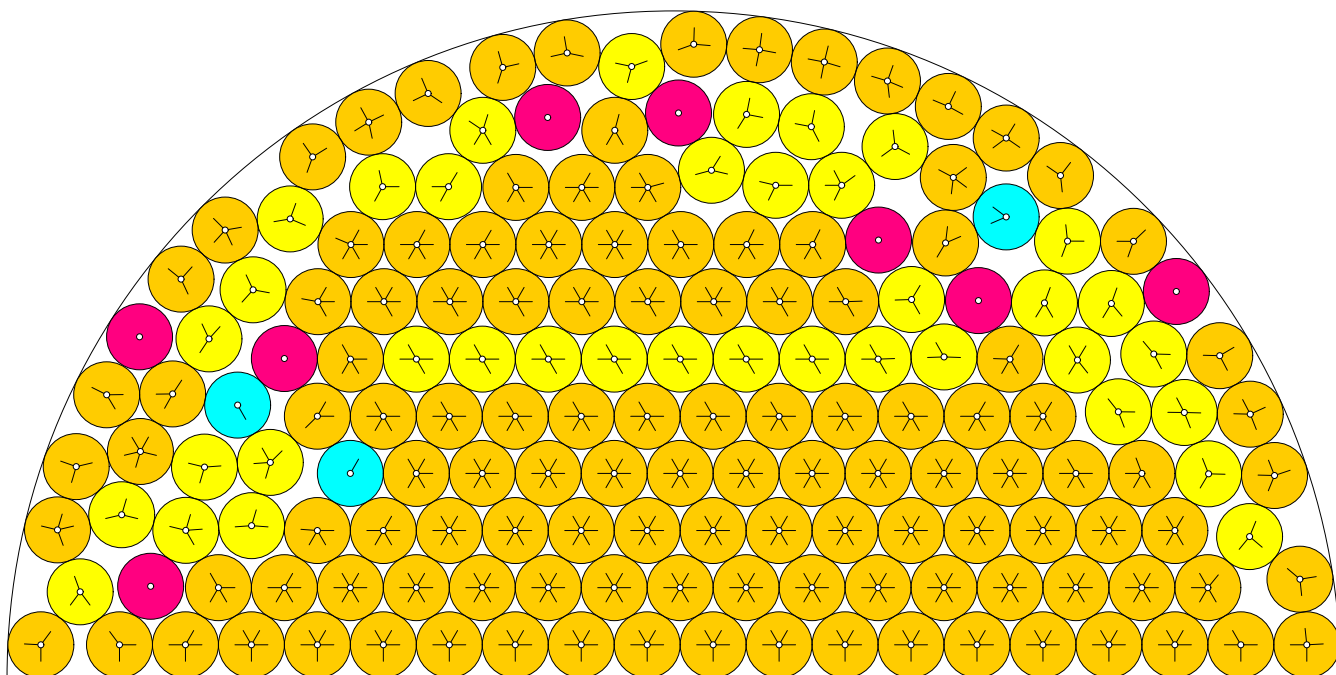


## 172 circles in a semicircle



radius = 0.049460977154      density = 0.841557561791  
ratio = 20.217958834252      contacts = 383

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