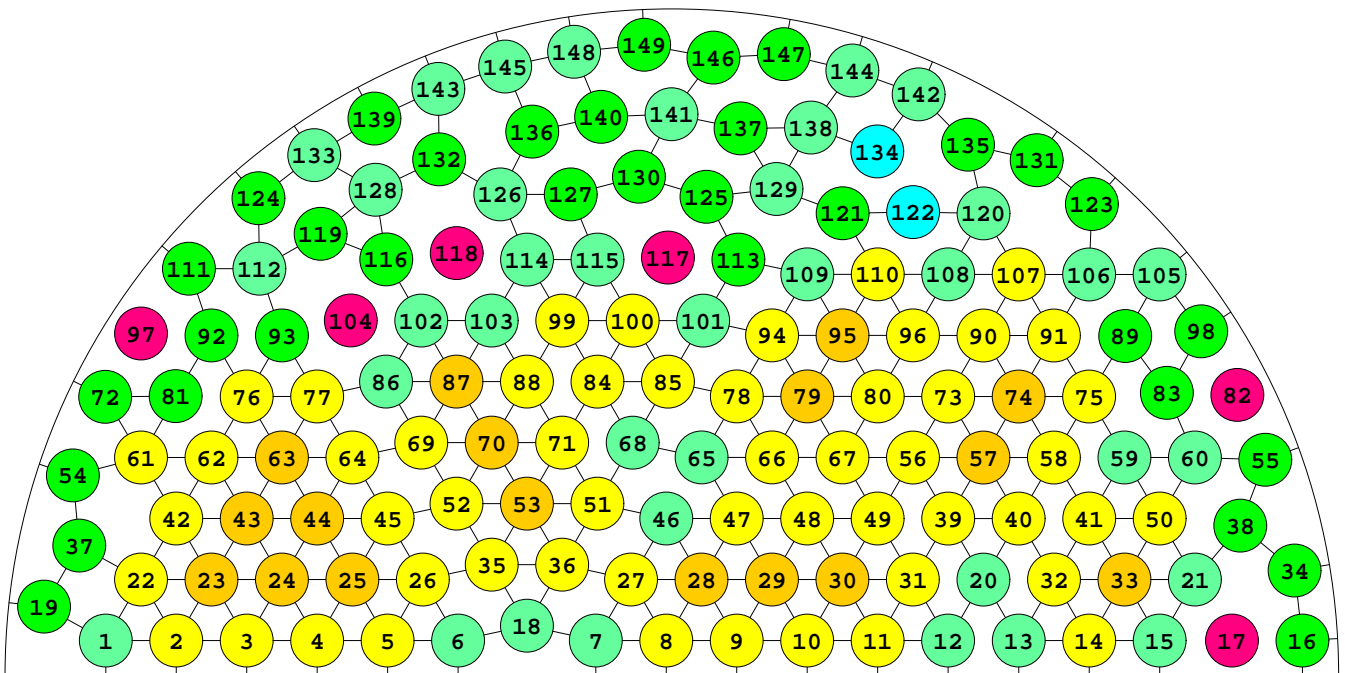


## 149 circles in a semicircle



radius = 0.052831261765      density = 0.831760381459  
ratio = 18.928186959683      contacts = 329

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