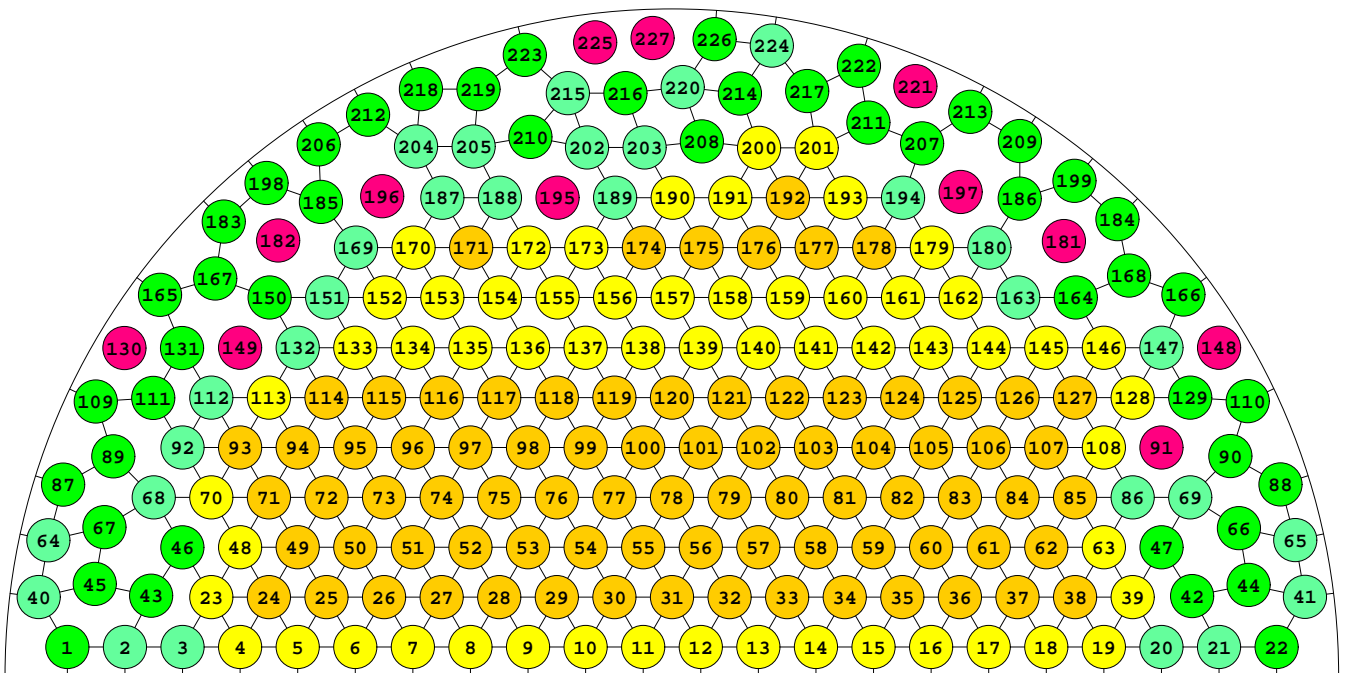


## 227 circles in a semicircle



radius = 0.043178999947  
ratio = 23.159406221395

density = 0.846449420526  
contacts = 538

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