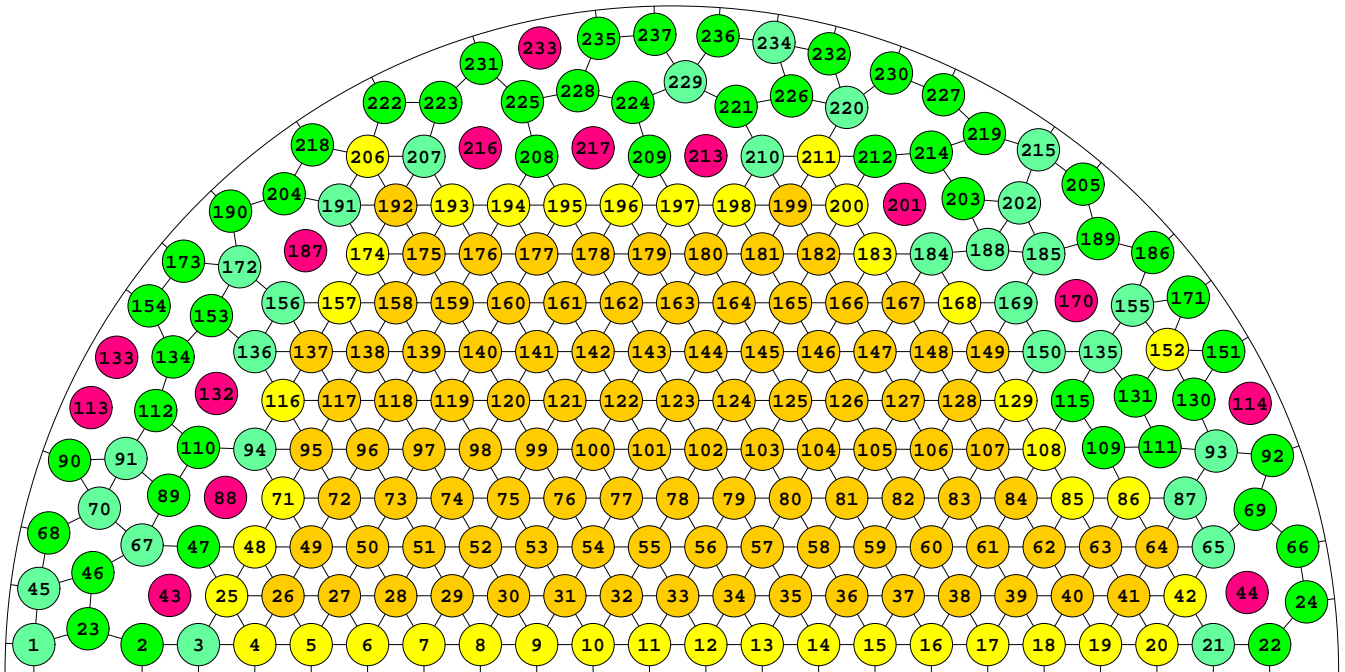


## 237 circles in a semicircle



radius = 0.042276476564  
ratio = 23.653816052944

density = 0.847180423076  
contacts = 567

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