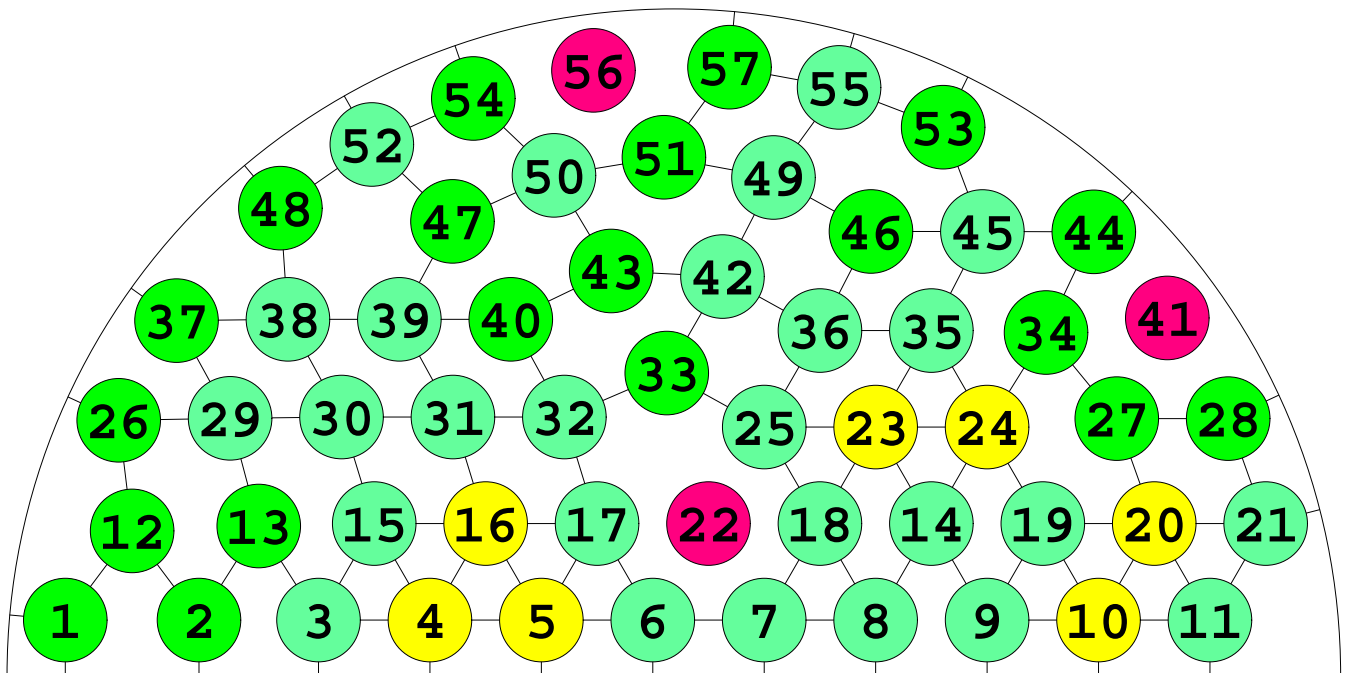


## 57 circles in a semicircle



radius = 0.083551186609  
ratio = 11.968710925498

density = 0.795811289341  
contacts = 113

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