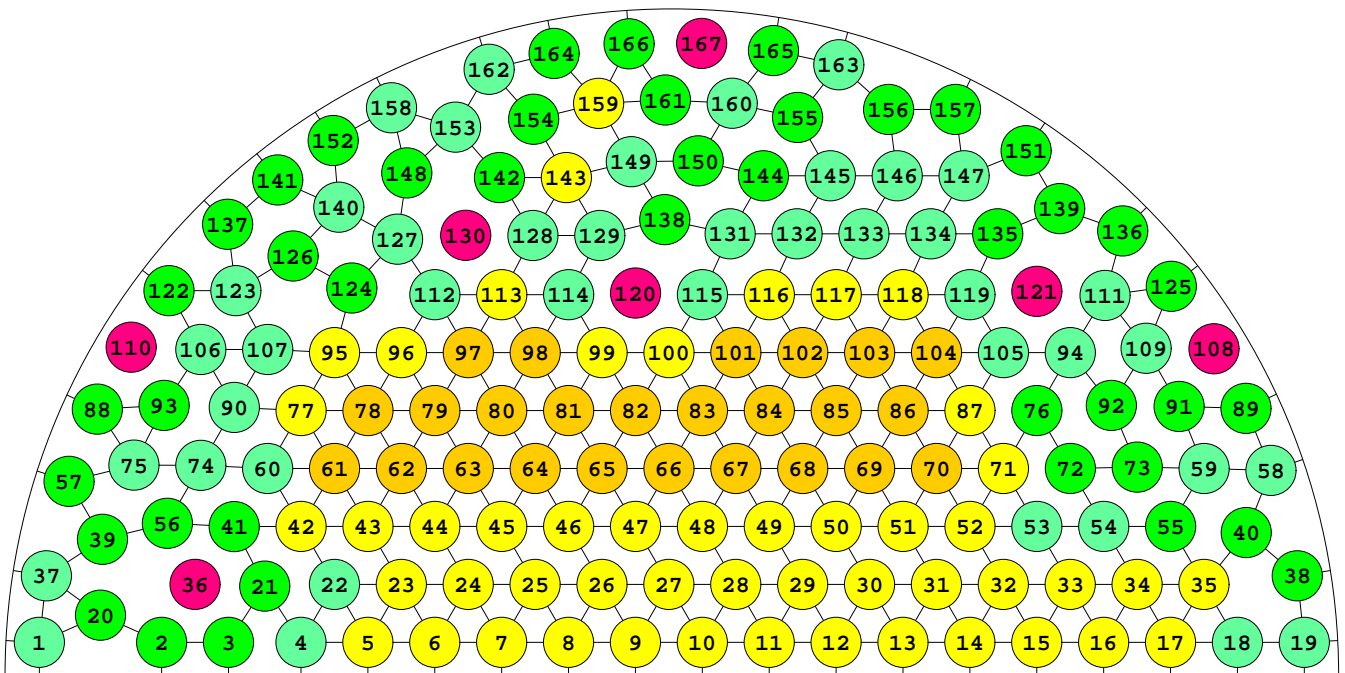


## 167 circles in a semicircle



radius = 0.050155747221    density = 0.840210059089  
ratio = 19.937894566531    contacts = 369

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