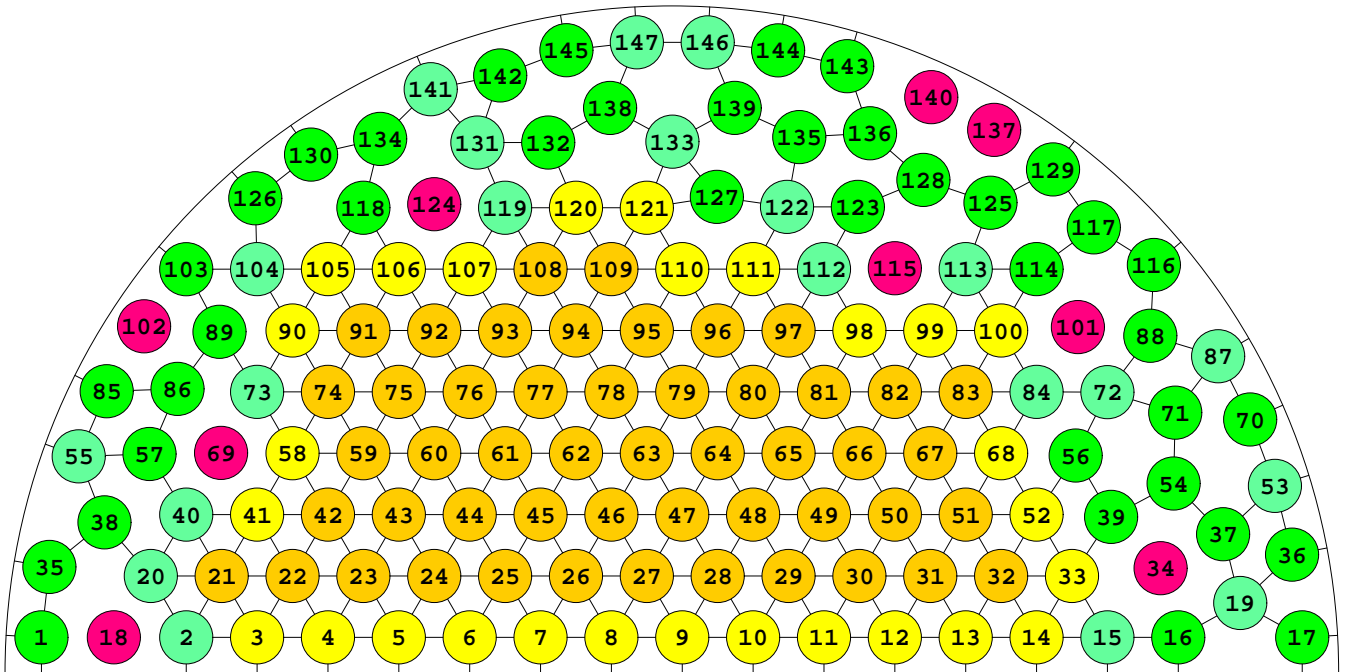


# 147 circles in a semicircle



radius = 0.053133901022  
ratio = 18.820376083236

density = 0.830024162712  
contacts = 339

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