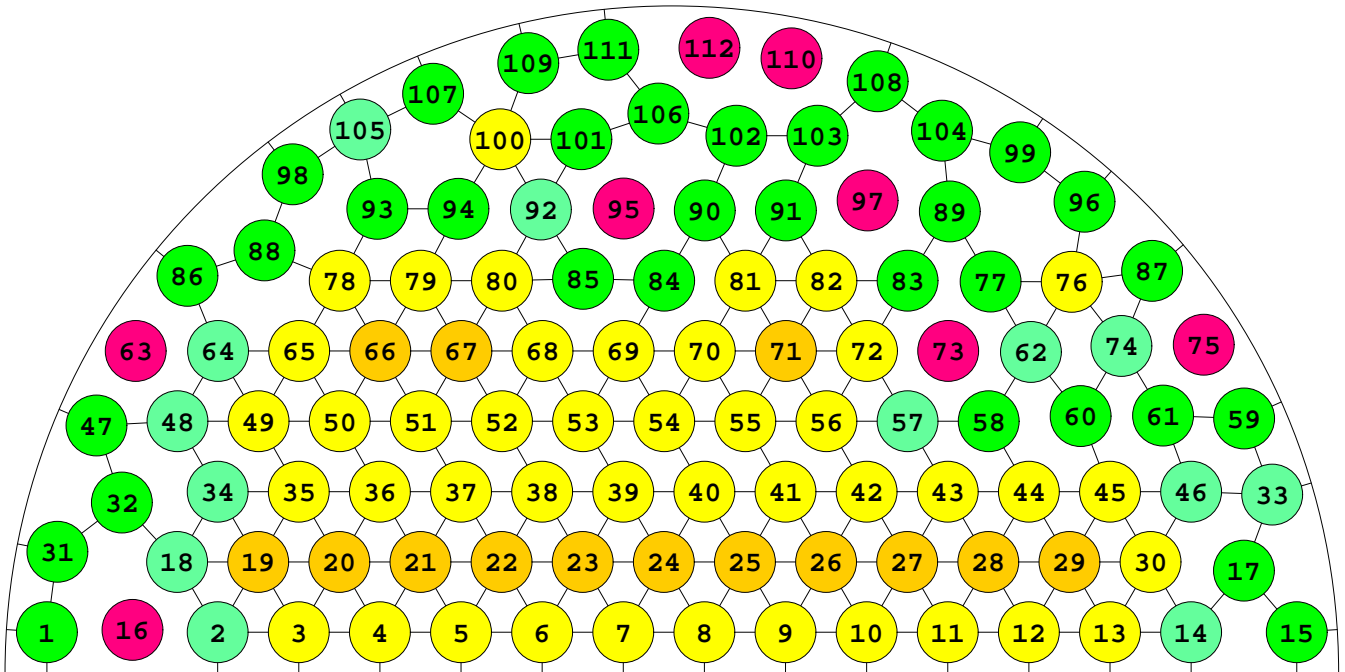


# 112 circles in a semicircle



radius = 0.060828833303  
ratio = 16.439572250552

density = 0.828832919262  
contacts = 242

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