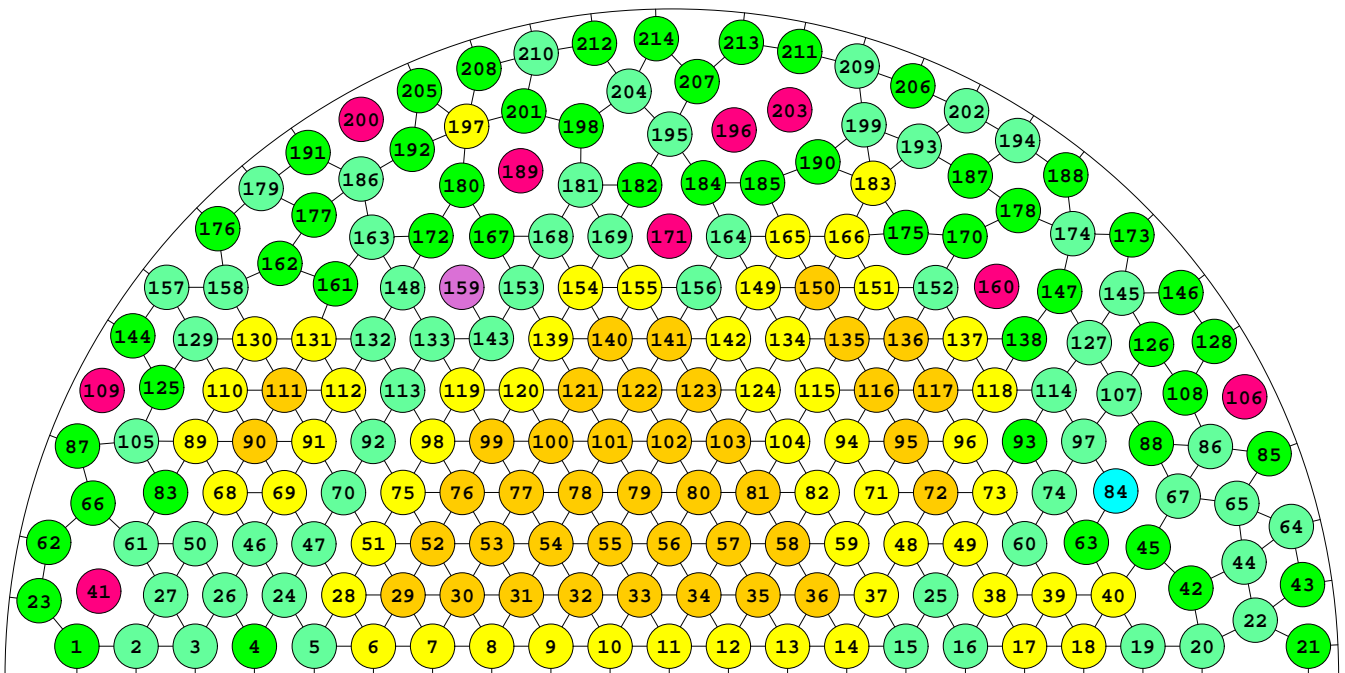


## 214 circles in a semicircle



radius = 0.044364254454  
ratio = 22.540669561793

density = 0.842384067350  
contacts = 472

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