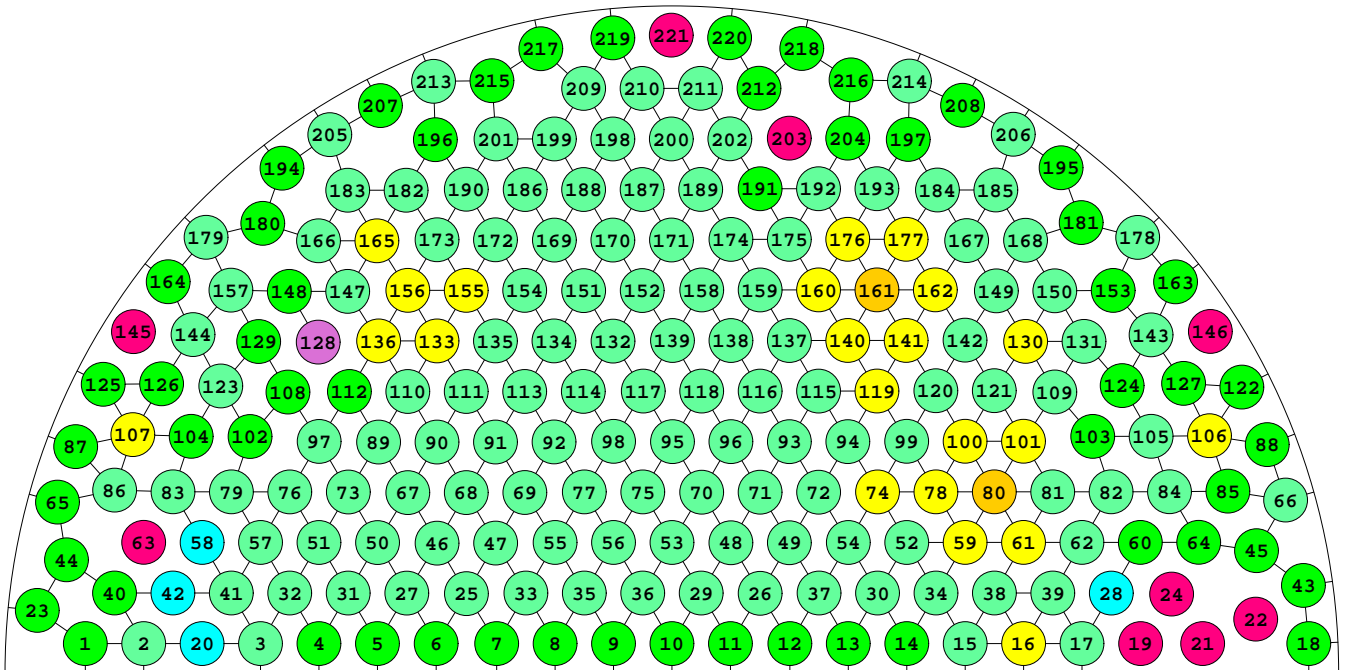


## 221 circles in a semicircle



radius = 0.043786214316    density = 0.847416793345  
ratio = 22.838238372981    contacts = 425

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