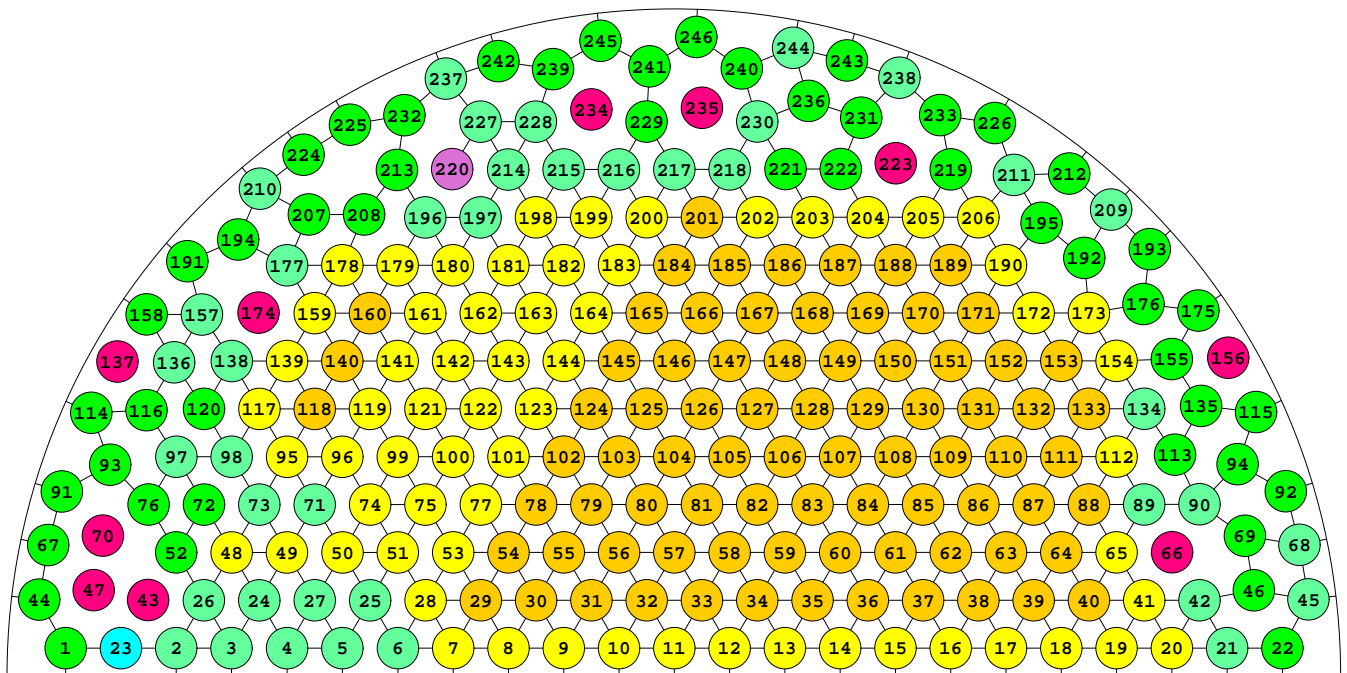


## 246 circles in a semicircle



radius = 0.041451599501      density = 0.845371669805  
ratio = 24.124521418398      contacts = 580

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