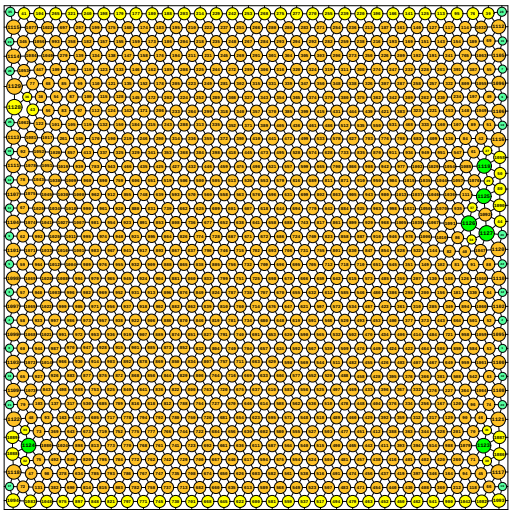
# N = 1129

**1129 circles in a square**

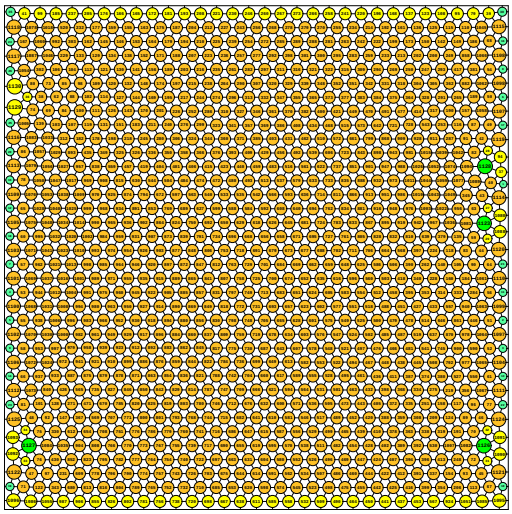


sumradii = 17.946597073145 density = 0.899854586322
sumperim = 112.761795043857 contacts = 3387

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# N = 1130

**1130 circles in a square**

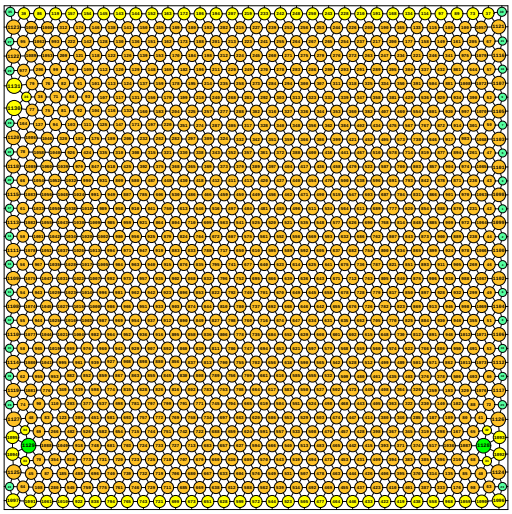


sumradii = 17.955182094417 density = 0.899835656291
sumperim = 112.815736323375 contacts = 3390

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# N = 1131

**1131 circles in a square**

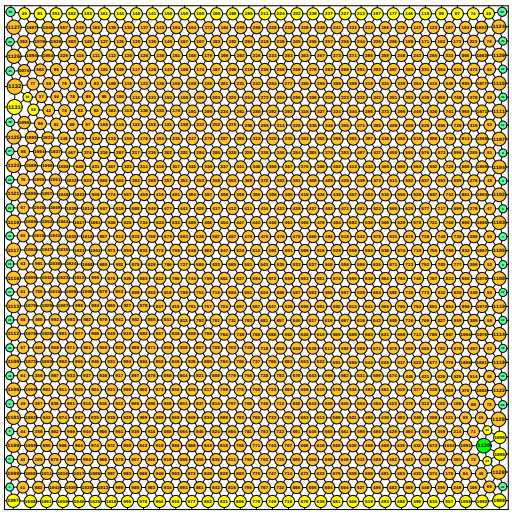


sumradii = 17.963469092770 density = 0.899830136451
sumperim = 112.867805069667 contacts = 3393

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# N = 1132

**1132 circles in a square**

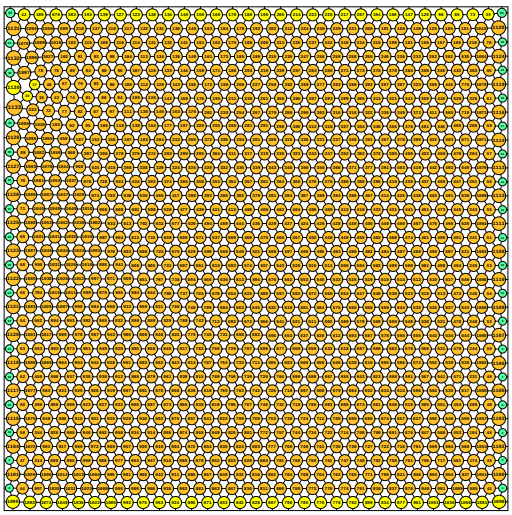


sumradii = 17.971965284393 density = 0.899937084090
sumperim = 112.921188216040 contacts = 3396

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# N = 1133

**1133 circles in a square**

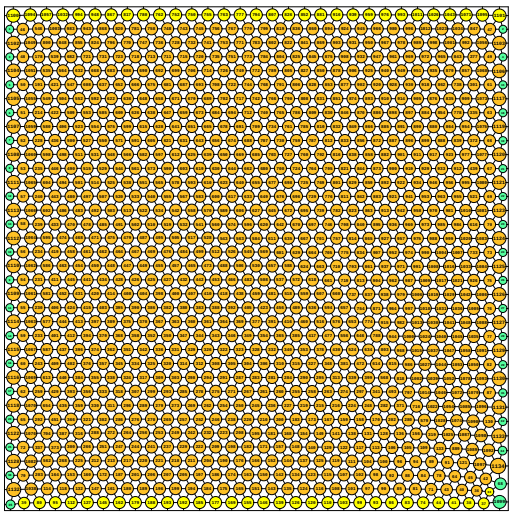


sumradii = 17.979701575289 density = 0.899929479031
sumperim = 112.969796765329 contacts = 3399

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# N = 1134

**1134 circles in a square**



sumradii = 17.988479967886 density = 0.899996982697
sumperim = 113.024953032716 contacts = 3402

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