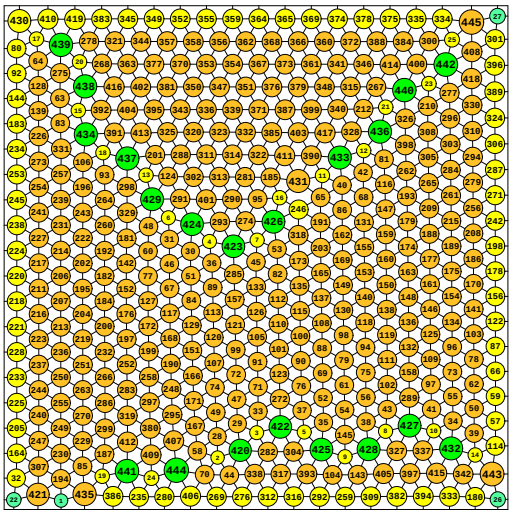
N = 445

445 circles in a square



sumradii = 11.222498416496 density = 0.895242868116
sumperim = 70.513037160374 contacts = 1335

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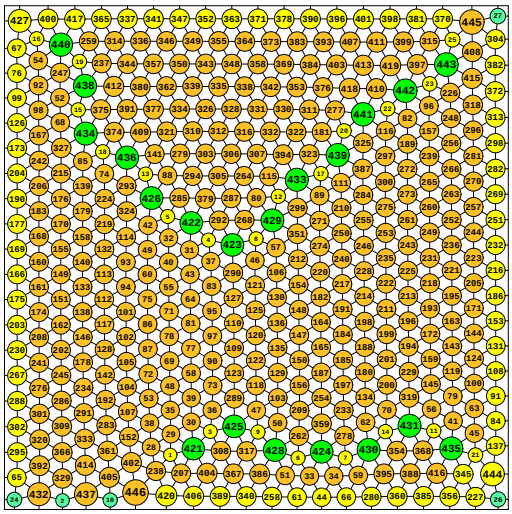
N = 446

446 circles in a square



sumradii = 11.234571141794 density = 0.895262904728
sumperim = 70.588892330584 contacts = 1338

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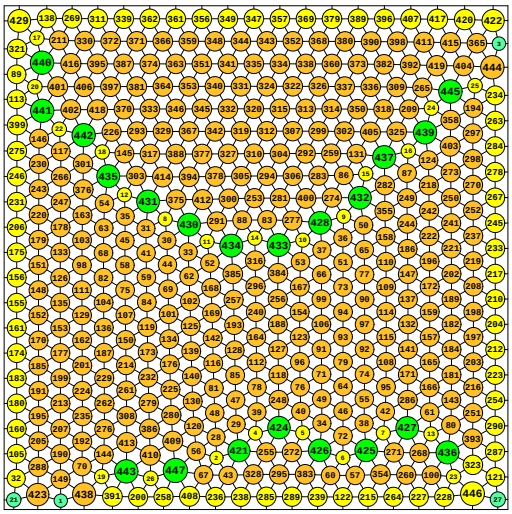
N = 447

447 circles in a square



sumradii = 11.247891051672 density = 0.895327238568
sumperim = 70.672583792622 contacts = 1341

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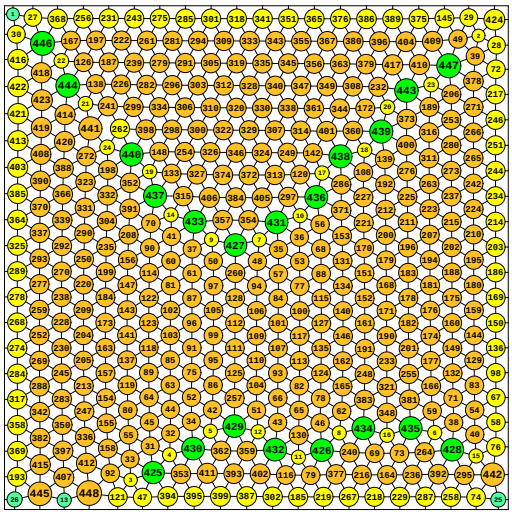
N = 448

448 circles in a square



sumradii = 11.260595834117 density = 0.895293325611
sumperim = 70.752410295012 contacts = 1344

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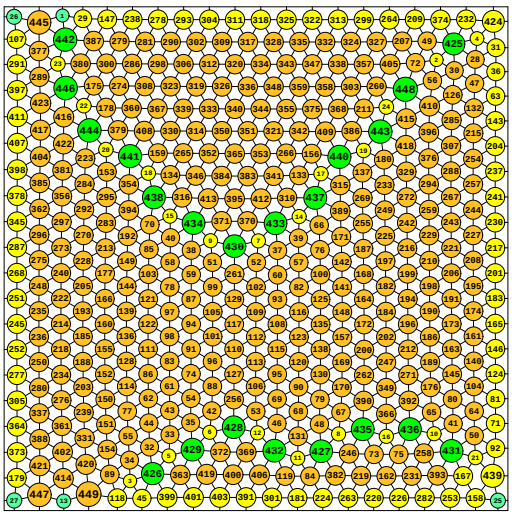
N = 449

449 circles in a square



sumradii = 11.273153984079 density = 0.895353777744
sumperim = 70.831315478338 contacts = 1347

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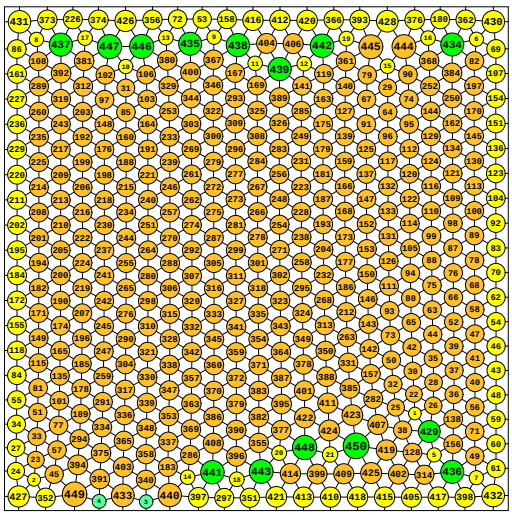
N = 450

450 circles in a square



sumradii = 11.286856223753 density = 0.895146981438
sumperim = 70.917409189333 contacts = 1350

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