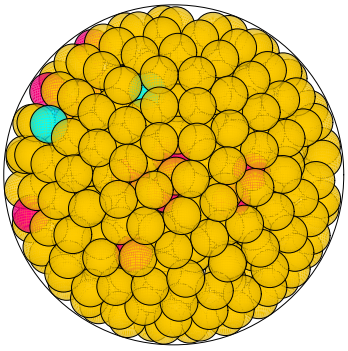
N = 433

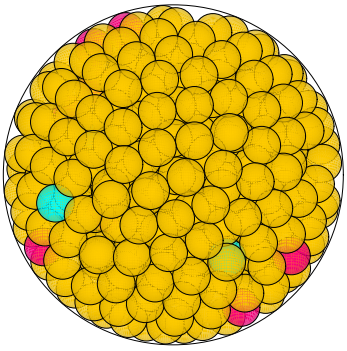
433 spheres in a sphere



radius = 0.111270430881 density = 0.596523145758
ratio = 8.987112930031 contacts = 1228

N = 434

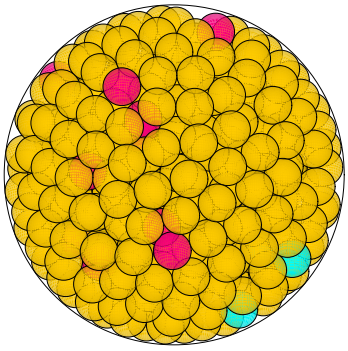
434 spheres in a sphere



radius = 0.111187744784 density = 0.596568741939
ratio = 8.993796950736 contacts = 1248

N = 435

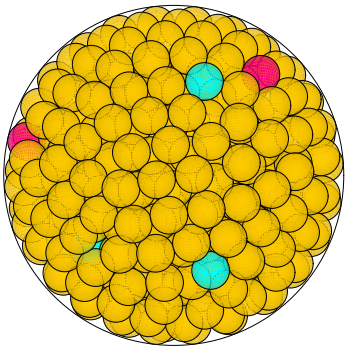
435 spheres in a sphere



radius = 0.111108845526 density = 0.596671318582
ratio = 9.000183516129 contacts = 1232

N = 436

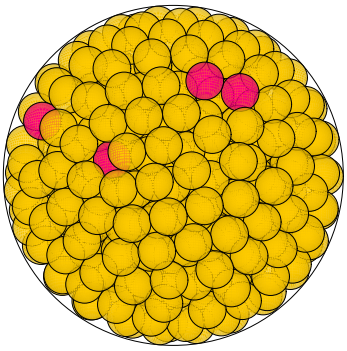
436 spheres in a sphere



radius = 0.111016704575 density = 0.596556365236
ratio = 9.007653432258 contacts = 1279

N = 437

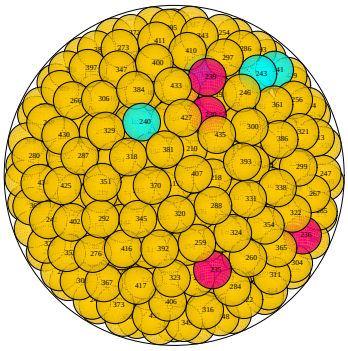
437 spheres in a sphere



radius = 0.110937676492 density = 0.596648611030
ratio = 9.014070166472 contacts = 1286

N = 438

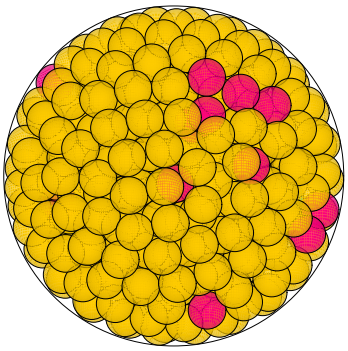
438 spheres in a sphere



radius = 0.110848742456 density = 0.596576884979
ratio = 9.021302162230 contacts = 1272

N = 439

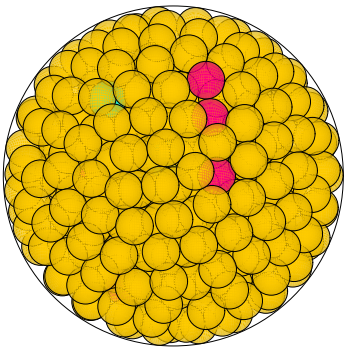
439 spheres in a sphere



radius = 0.110765342551 density = 0.596590323589
ratio = 9.028094681658 contacts = 1238

N = 440

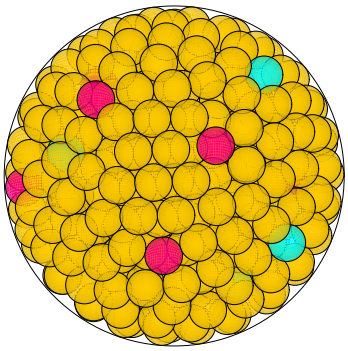
440 spheres in a sphere



radius = 0.110705981729 density = 0.596988464156
ratio = 9.032935568465 contacts = 1282

N = 441

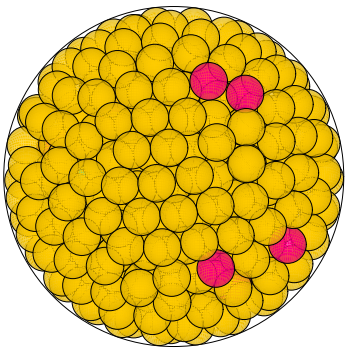
441 spheres in a sphere



radius = 0.110623996637 density = 0.597016897785
ratio = 9.039630011603 contacts = 1268

N = 442

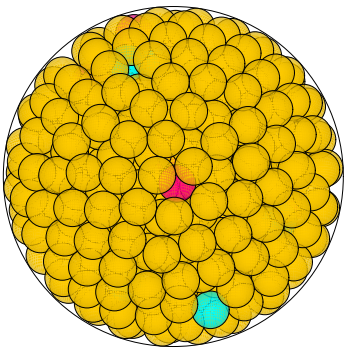
442 spheres in a sphere



radius = 0.110549720792 density = 0.597166201511
ratio = 9.045703533527 contacts = 1282

N = 443

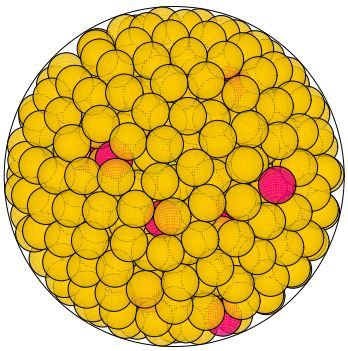
443 spheres in a sphere



radius = 0.110446654560 density = 0.596844811742
ratio = 9.054144772252 contacts = 1291

N = 444

444 spheres in a sphere



radius = 0.110392887968 density = 0.597318897858
ratio = 9.058554571797 contacts = 1291