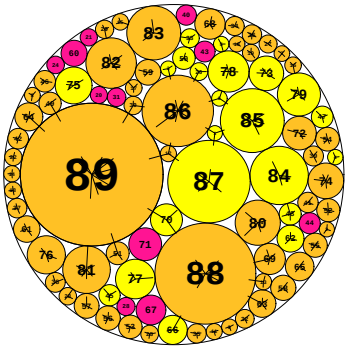
N = 89

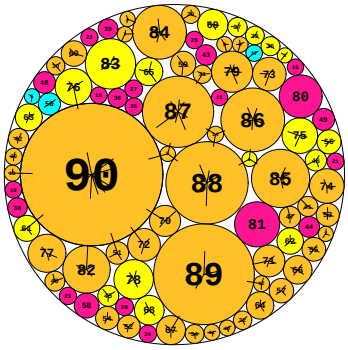
89 circles in a circle



radius = 0.419701663884 density = 0.893334986122
ratio = 2.382644830963 contacts = 156

N = 90

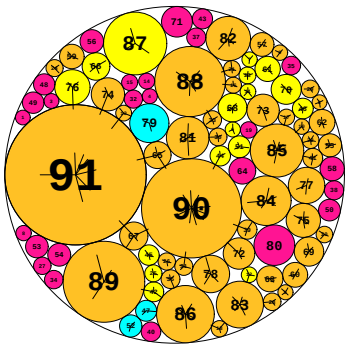
90 circles in a circle



radius = 0.418741542863 density = 0.891200697993
ratio = 2.388107932075 contacts = 133

N = 91

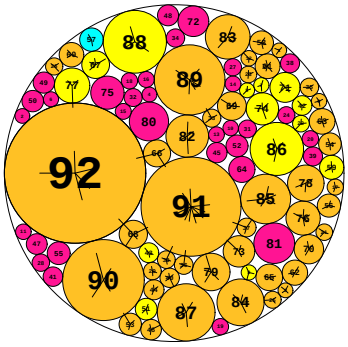
91 circles in a circle



radius = 0.416457790481 density = 0.883412163542
ratio = 2.401203730265 contacts = 130

N = 92

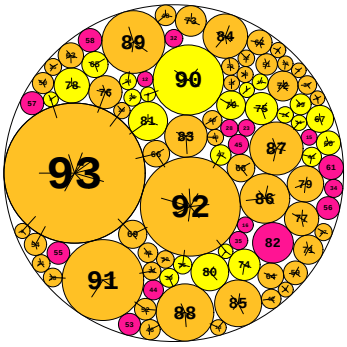
92 circles in a circle



radius = 0.416367083685 density = 0.884911746058
ratio = 2.401726839571 contacts = 117

N = 93

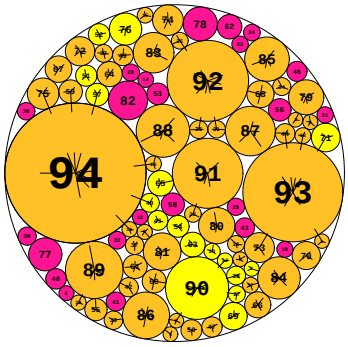
93 circles in a circle



radius = 0.415969258974 density = 0.885082089429
ratio = 2.404023803263 contacts = 152

N = 94

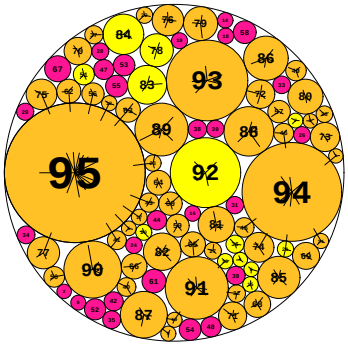
94 circles in a circle



radius = 0.415939226698 density = 0.886794774595
ratio = 2.404197382241 contacts = 142

N = 95

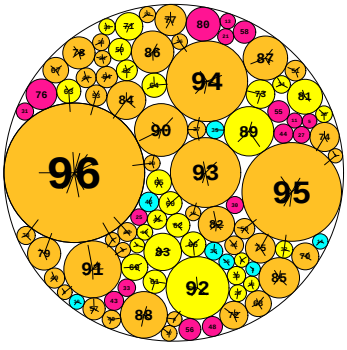
95 circles in a circle



radius = 0.414803130486 density = 0.883768184012
ratio = 2.410782191613 contacts = 134

N = 96

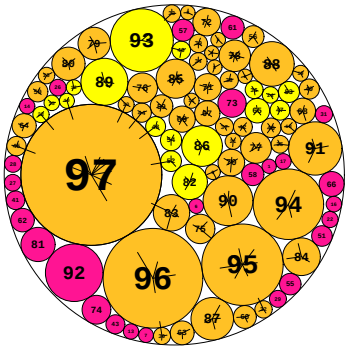
96 circles in a circle



radius = 0.414389183425 density = 0.883793908892
ratio = 2.413190401676 contacts = 151

N = 97

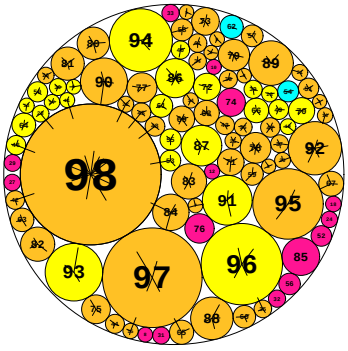
97 circles in a circle



radius = 0.414477238248 density = 0.885940594094
ratio = 2.412677724422 contacts = 141

N = 98

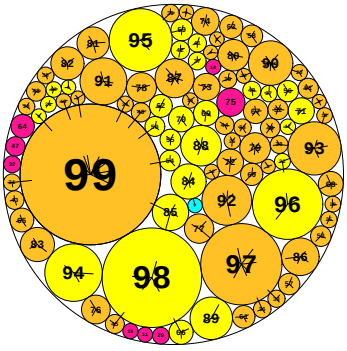
98 circles in a circle



radius = 0.414183953265 density = 0.886437744097
ratio = 2.414386149236 contacts = 163

N = 99

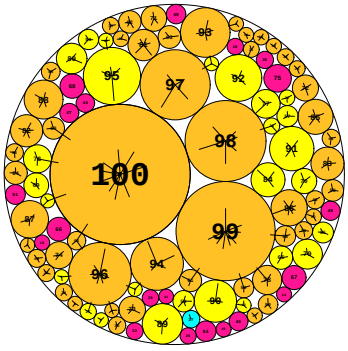
99 circles in a circle



radius = 0.413874238827 density = 0.886842757278
ratio = 2.416192906408 contacts = 180

N = 100

100 circles in a circle



radius = 0.412195412501 density = 0.881361678454
ratio = 2.426033792884 contacts = 158