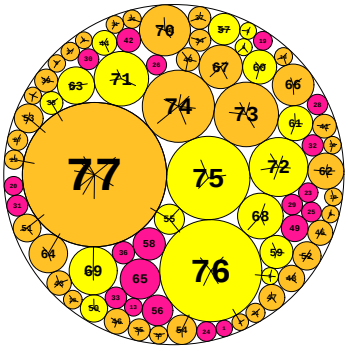
N = 77

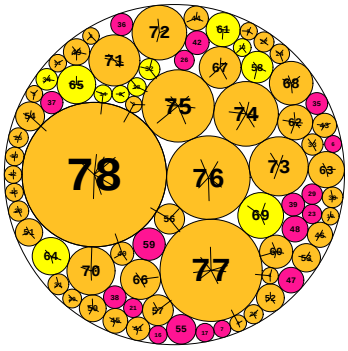
77 circles in a circle



radius = 0.424157469102 density = 0.886504446817
ratio = 2.357614972849 contacts = 114

N = 78

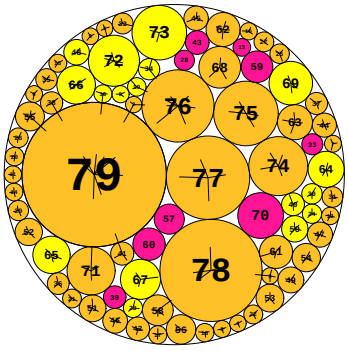
78 circles in a circle



radius = 0.424733661669 density = 0.891227412967
ratio = 2.354416638585 contacts = 120

N = 79

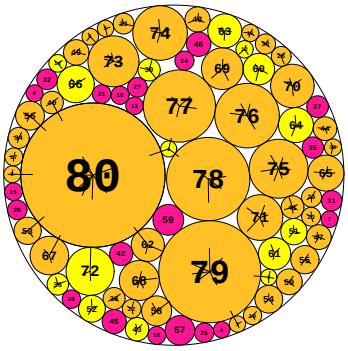
79 circles in a circle



radius = 0.424586549240 density = 0.892892087840
ratio = 2.355232406183 contacts = 140

N = 80

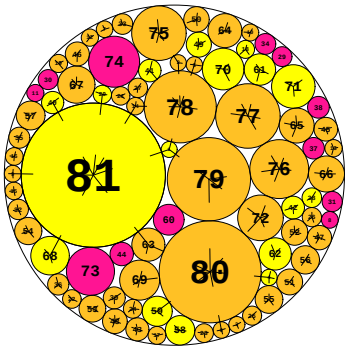
80 circles in a circle



radius = 0.424230237596 density = 0.893643733597
ratio = 2.357210569590 contacts = 116

N = 81

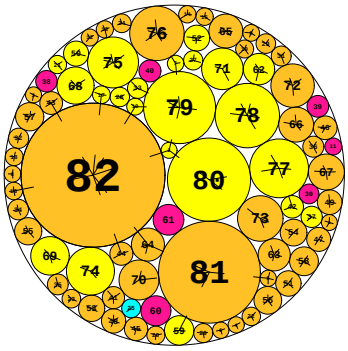
81 circles in a circle



radius = 0.423932713477 density = 0.894609452607
ratio = 2.358864905229 contacts = 137

N = 82

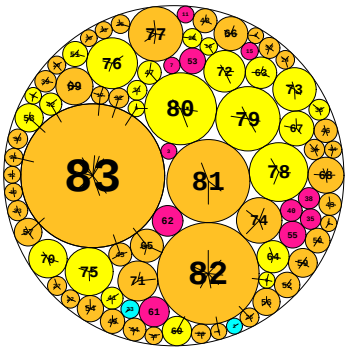
82 circles in a circle



radius = 0.423330407066 density = 0.894254679892
ratio = 2.362221053126 contacts = 148

N = 83

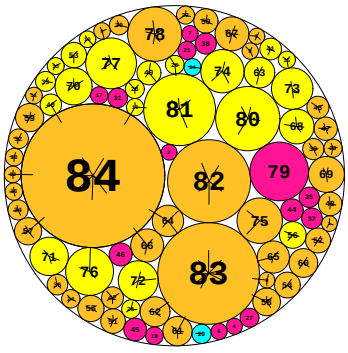
83 circles in a circle



radius = 0.422906919881 density = 0.894621225528
ratio = 2.364586515353 contacts = 141

N = 84

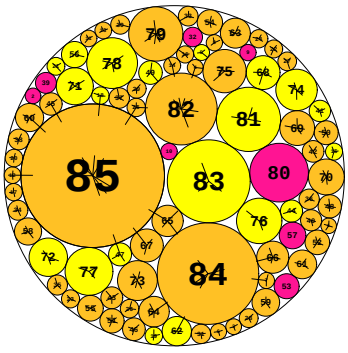
84 circles in a circle



radius = 0.422361597305 density = 0.894439234510
ratio = 2.367639497487 contacts = 134

N = 85

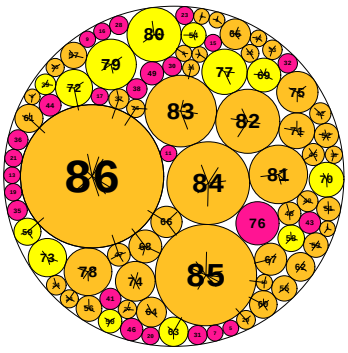
85 circles in a circle



radius = 0.422101078704 density = 0.895432278951
ratio = 2.369100792326 contacts = 154

N = 86

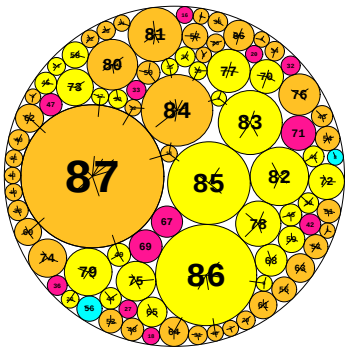
86 circles in a circle



radius = 0.421097830899 density = 0.893242718960
ratio = 2.374745074950 contacts = 122

N = 87

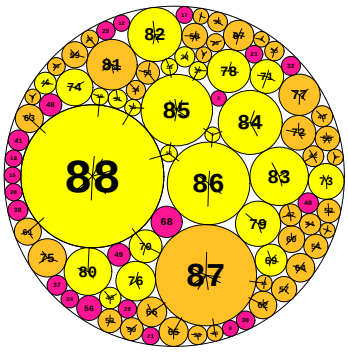
87 circles in a circle



radius = 0.420575348556 density = 0.893060635293
ratio = 2.377695229721 contacts = 147

N = 88

88 circles in a circle



radius = 0.420440658356 density = 0.894497471481
ratio = 2.378456935899 contacts = 132