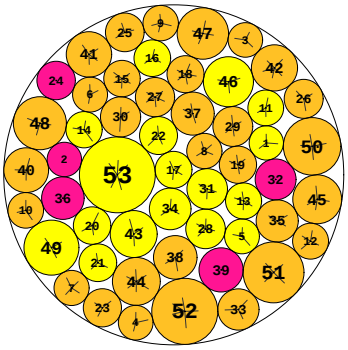
# N = 53

**53 circles in a circle**

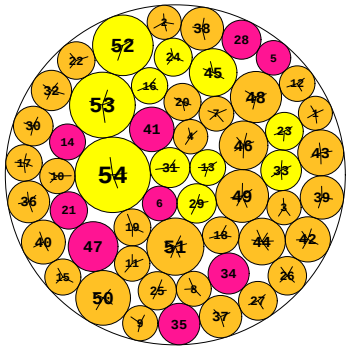


radius = 0.223160121594 density = 0.847335223590
ratio = 4.481087359419 contacts = 96

© E.Specht 23-MAY-2026

# N = 54

**54 circles in a circle**

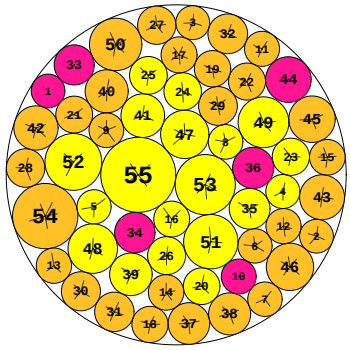


radius = 0.221865564750 density = 0.847515025734
ratio = 4.507233923951 contacts = 89

© E.Specht 26-JUN-2014

# N = 55

**55 circles in a circle**

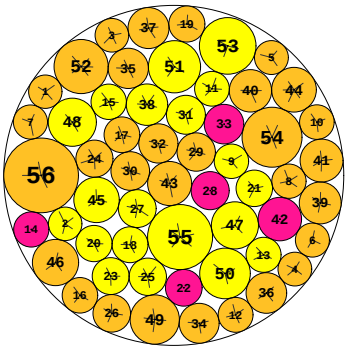


radius = 0.220589585778 density = 0.847590172142
ratio = 4.533305579563 contacts = 98

© E.Specht 23-MAY-2026

# N = 56

**56 circles in a circle**

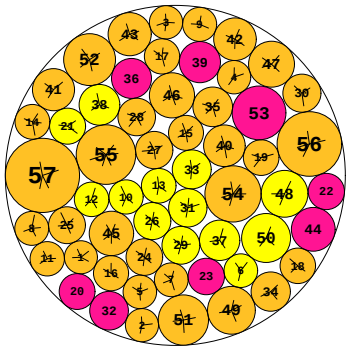


radius = 0.219668873652 density = 0.850173579670
ratio = 4.552306311664 contacts = 102

© E.Specht 23-MAY-2026

# N = 57

**57 circles in a circle**

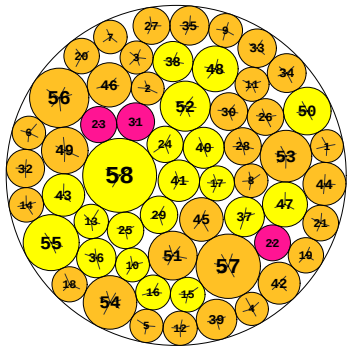


radius = 0.218181884536 density = 0.848149354872
ratio = 4.583331939431 contacts = 98

© E.Specht 26-JUN-2014

# N = 58

**58 circles in a circle**

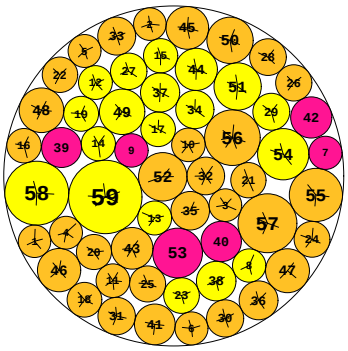


radius = 0.217233975501 density = 0.850095684596
ratio = 4.603331489433 contacts = 110

© E.Specht 23-MAY-2026

# N = 59

**59 circles in a circle**

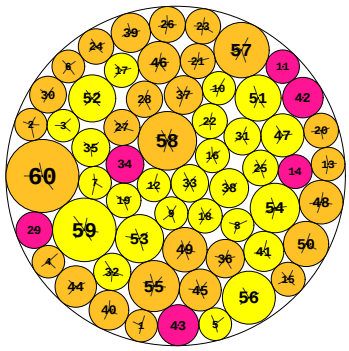


radius = 0.215799455565 density = 0.848020488179
ratio = 4.633931987375 contacts = 106

© E.Specht 09-AUG-2013

# N = 60

**60 circles in a circle**

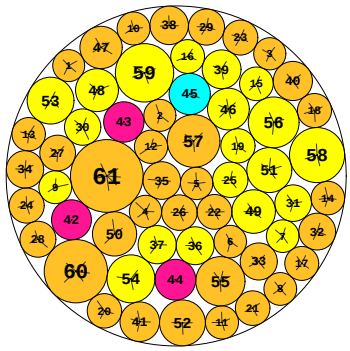


radius = 0.215064490542 density = 0.851246412680
ratio = 4.649768064827 contacts = 108

© E.Specht 26-MAY-2026

# N = 61

**61 circles in a circle**

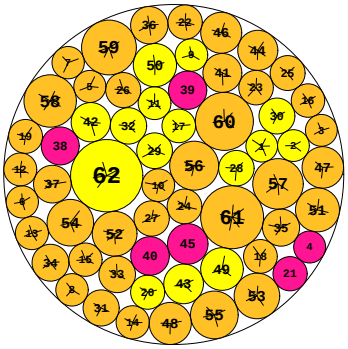


radius = 0.213807253106 density = 0.850151993142
ratio = 4.677109805561 contacts = 115

© E.Specht 23-MAY-2026

# N = 62

**62 circles in a circle**

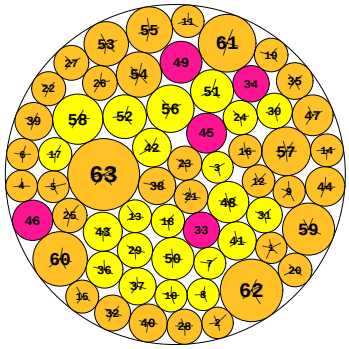


radius = 0.212587886983 density = 0.849154647009
ratio = 4.703936871439 contacts = 112

© E.Specht 09-AUG-2013

# N = 63

**63 circles in a circle**

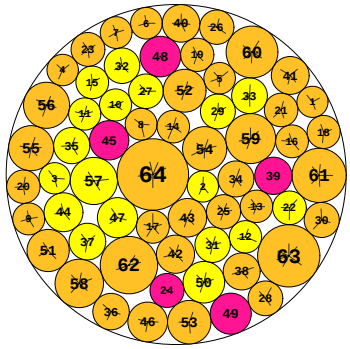


radius = 0.211253887822 density = 0.847040007160
ratio = 4.733640693238 contacts = 116

© E.Specht 26-MAY-2026

# N = 64

**64 circles in a circle**



radius = 0.210319304594 density = 0.847942822555
ratio = 4.754675287316 contacts = 118

© E.Specht 23-MAY-2026