

Zum Vergleich der benachbarten Erstdifferenzen mit Primzahlen:
<https://raw.githubusercontent.com/primegap-list-project/prime-gap-list/master/allgaps.sql>
<http://oeis.org/>
 A000230 bzw. A002386 , A339944 , A339943 , A031133 , A144103

Erste 8 Primzahlen vor der jeweiligen Differenz-Summe von 26 Primzahl-Nachbarn (25 Luecken/gaps)

Beginn: 2 Ende: 5.65E+15

| Differenz | Primzahl | Primzahl | Primzahl | Primzahl | Primzahl | Primzahl | Primzahl | Primzahl |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 99, | 2 | | | | | | | |
| 100, | 3 | | | | | | | |
| 102, | 5, | 7, | 11 | | | | | |
| 114, | 13, | 17 | | | | | | |
| 116, | 23 | | | | | | | |
| 118, | 19 | | | | | | | |
| 120, | 29, | 31, | 37 | | | | | |
| 122, | 41, | 59 | | | | | | |
| 124, | 43 | | | | | | | |
| 126, | 47, | 53, | 67, | 71, | 73 | | | |
| 130, | 61 | | | | | | | |
| 132, | 79, | 97, | 101, | 149, | 151 | | | |
| 134, | 107, | 137 | | | | | | |
| 136, | 103, | 127, | 157 | | | | | |
| 138, | 89, | 131, | 139, | 179 | | | | |
| 140, | 83, | 173 | | | | | | |
| 142, | 109 | | | | | | | |
| 144, | 113, | 163, | 167, | 223, | 347 | | | |
| 146, | 191, | 227, | 2657 | | | | | |
| 148, | 211, | 331 | | | | | | |
| 150, | 181, | 229, | 233, | 239, | 251, | 307, | 311, | 313 |
| 152, | 197, | 257, | 269, | 557 | | | | |
| 154, | 193, | 199, | 367, | 547, | 2647 | | | |
| 156, | 241, | 263, | 277, | 293, | 521, | 563, | 587, | 967 |
| 158, | 281, | 419, | 461, | 503, | 569, | 593, | 599, | 971 |
| 160, | 271, | 283, | 457, | 487, | 499, | 523, | 601, | 613 |
| 162, | 379, | 409, | 431, | 439, | 491, | 571, | 577, | 607 |
| 164, | 383, | 443, | 449, | 479, | 509, | 719, | 929, | 953 |
| 166, | 397, | 421, | 433, | 1453, | 1987, | 2671, | 2677 | |
| 168, | 389, | 401, | 463, | 809, | 853, | 1151, | 1153, | 1399 |
| 170, | 617, | 641, | 659, | 821, | 881, | 983, | 2267, | 2579 |
| 172, | 691, | 709, | 739, | 811, | 877, | 919, | 991, | 1009 |
| 174, | 467, | 653, | 733, | 797, | 823, | 857, | 859, | 977 |
| 176, | 647, | 683, | 701, | 743, | 863, | 887, | 911, | 1061 |
| 178, | 619, | 631, | 643, | 661, | 751, | 769, | 883, | 1129 |
| 180, | 673, | 677, | 757, | 761, | 773, | 787, | 839, | 1021 |
| 182, | 827, | 1031, | 1361, | 1367, | 1559, | 1571, | 1607, | 1847 |
| 184, | 829, | 1033, | 1039, | 1117, | 2557, | 3163, | 3433, | 4903 |
| 186, | 1063, | 1181, | 1187, | 1511, | 1597, | 1601, | 1693, | 1867 |
| 188, | 1091, | 1103, | 1109, | 1193, | 1283, | 1301, | 1901, | 2699 |
| 190, | 1069, | 1087, | 1093, | 1171, | 1297, | 1303, | 2707, | 3181 |
| 192, | 1097, | 1259, | 1289, | 1291, | 1307, | 1319, | 1609, | 1697 |
| 194, | 1499, | 1583, | 1823, | 2309, | 2777, | 3389, | 3833, | 4079 |
| 196, | 1213, | 1831, | 1873, | 1933, | 2503, | 2713, | 3217, | 3607 |
| 198, | 1201, | 1249, | 1613, | 1709, | 1889, | 1913, | 2053, | 2083 |
| 200, | 1229, | 1733, | 1811, | 2069, | 2087, | 2339, | 2351, | 2357 |
| 202, | 1231, | 1237, | 1321, | 1699, | 1801, | 2011, | 2341, | 2347 |
| 204, | 1223, | 1327, | 1619, | 1747, | 1877, | 1879, | 1999, | 2003 |
| 206, | 1217, | 1667, | 2141, | 3137, | 3251, | 3257, | 3323, | 3617 |
| 208, | 1663, | 1669, | 1723, | 1741, | 2131, | 2143, | 2371, | 2731 |
| 210, | 1621, | 1657, | 1777, | 1783, | 1787, | 1789, | 2027, | 2029 |
| 212, | 2381, | 2741, | 2837, | 3221, | 3677, | 3947, | 3989, | 4007 |
| 214, | 2377, | 2797, | 3109, | 3637, | 3697, | 3943, | 4003, | 4507 |
| 216, | 2473, | 2477, | 2851, | 3631, | 3691, | 3701, | 4013, | 4027 |
| 218, | 2801, | 2819, | 2843, | 2903, | 2999, | 3011, | 3041, | 4139 |
| 220, | 1627, | 1753, | 1759, | 2467, | 2803, | 3001, | 3037, | 3229 |
| 222, | 2857, | 2861, | 2887, | 2897, | 3049, | 3779, | 3931, | 4219 |
| 224, | 1637, | 2459, | 4259, | 4373, | 4397, | 5009, | 5783, | 5987 |
| 226, | 2383, | 2437, | 4297, | 4357, | 4561, | 5011, | 5077, | 5581 |
| 228, | 2389, | 2393, | 2909, | 2953, | 2963, | 3079, | 4253, | 4363 |
| 230, | 2441, | 2447, | 2939, | 2957, | 3023, | 3083, | 3089, | 4289 |
| 232, | 3019, | 4159, | 4261, | 5749, | 6469, | 6871, | 6961, | 7687 |
| 234, | 2399, | 2969, | 3067, | 4283, | 4549, | 4703, | 4733, | 5099 |
| 236, | 2411, | 2423, | 4271, | 5087, | 6317, | 6977, | 6983, | 7691 |
| 238, | 2971, | 3061, | 4651, | 5059, | 5179, | 5851, | 6709, | 6991 |
| 240, | 2417, | 2927, | 4273, | 5021, | 5039, | 5167, | 5861, | 5923 |
| 242, | 4691, | 5171, | 6581, | 7001, | 7127, | 7817, | 8387, | 8447 |
| 244, | 5107, | 7927, | 8893, | 9067, | 9949, | 9967, | 10639, | 11149 |
| 246, | 2917, | 4657, | 4663, | 4673, | 5101, | 5147, | 5153, | 5867 |
| 248, | 5903, | 7919, | 8291, | 9473, | 9491, | 9791, | 9851, | 10181 |
| 250, | 5023, | 7789, | 8263, | 8287, | 8293, | 8377, | 9787, | 9829 |
| 252, | 4679, | 5869, | 5879, | 5881, | 6367, | 6421, | 6427, | 7057 |
| 254, | 7757, | 7907, | 7937, | 8273, | 8369, | 9479, | 9839, | 9887 |
| 256, | 7027, | 7177, | 7753, | 9811, | 9883, | 10303, | 10771, | 10903 |
| 258, | 5939, | 7039, | 7159, | 7759, | 7963, | 8243, | 9803, | 9833 |
| 260, | 7151, | 7229, | 7793, | 7949, | 8867, | 10799, | 10979, | 11471 |
| 262, | 7237, | 8311, | 9871, | 10369, | 11317, | 11437, | 14869, | 16189 |
| 264, | 6373, | 6397, | 7043, | 7129, | 7187, | 7193, | 7243, | 8317 |
| 266, | 7211, | 8297, | 10331, | 10781, | 11177, | 11321, | 11423, | 13331 |
| 268, | 5113, | 5119, | 7213, | 7219, | 7951, | 8329, | 10321, | 10333 |
| 270, | 6389, | 7247, | 7253, | 10337, | 10343, | 10357, | 11411, | 11447 |
| 272, | 14159, | 16091, | 16097, | 16607, | 18911, | 18947, | 18959, | 19571 |
| 274, | 6379, | 16087, | 17509, | 18397, | 18427, | 19477, | 20389, | 23143 |
| 276, | 13337, | 16073, | 16253, | 19577, | 20611, | 22343, | 22727, | 22741 |
| 278, | 11399, | 16103, | 16703, | 18401, | 18413, | 19583, | 23321, | 24809 |
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| 282, | 11519, | 16139, | 17599, | 17609, | 17627, | 18379, | 18521, | 18899 |
| 284, | 13913, | 13967, | 13997, | 17033, | 22157, | 22283, | 23189, | 23297 |
| 286, | 11497, | 11503, | 13921, | 13963, | 16141, | 19603, | 23173, | 24337 |
| 288, | 11489, | 11491, | 18443, | 20393, | 20431, | 22159, | 22193, | 23269 |
| 290, | 13931, | 14051, | 14057, | 16127, | 18503, | 20441, | 21191, | 24281 |
| 292, | 18451, | 18457, | 18481, | 24151, | 24391, | 27361, | 27397, | 28057 |
| 294, | 13999, | 14009, | 14029, | 14033, | 18493, | 18787, | 18793, | 18869 |
| 296, | 18461, | 24593, | 24611, | 27983, | 29663, | 29717, | 31271, | 31277 |
| 298, | 14071, | 18661, | 18859, | 19081, | 20551, | 23251, | 24109, | 24121 |
| 300, | 14107, | 16111, | 18679, | 18713, | 20407, | 20443, | 23197, | 24113 |
| 302, | 18617, | 18671, | 18839, | 24137, | 24197, | 27281, | 27329, | 27431 |
| 304, | 24517, | 24547, | 27277, | 29437, | 37003, | 37693, | 37897, | 43609 |
| 306, | 14081, | 14083, | 18731, | 18773, | 20411, | 22307, | 24203, | 24571 |
| 308, | 18701, | 18743, | 23201, | 24473, | 24551, | 33863, | 33923, | 35531 |
| 310, | 13933, | 14011, | 18637, | 18691, | 24439, | 27337, | 27967, | 28099 |
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| 314, | 14087, | 24527, | 24533, | 27143, | 29669, | 30323, | 31643, | 31649 |

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2662, 3403965799391089
2672, 1648870450308311
2688, 5318165924513041

Die kleinste, der grosseren, hier nicht gefundenen Differenz-Summe lautet: 2554

Anzahl der oben aufgelisteten Primzahldifferenzen

1-stellig, Anzahl 4
2-stellig, Anzahl 21
3-stellig, Anzahl 130
4-stellig, Anzahl 347
5-stellig, Anzahl 432
6-stellig, Anzahl 564
7-stellig, Anzahl 533
8-stellig, Anzahl 659
9-stellig, Anzahl 743
10-stellig, Anzahl 764
11-stellig, Anzahl 804
12-stellig, Anzahl 882
13-stellig, Anzahl 891
14-stellig, Anzahl 979
15-stellig, Anzahl 1075
16-stellig, Anzahl 783 bis 5.65E+15

Differenz-Summe D, Primzahl P, Minimum relativ = $D/\ln(P+D)/25$

11+18+22+20+28=99, 2, 0.85805
24+34+18+50+30=156, 1423, 0.8473
24+32+28+42+30=156, 1427, 0.84701
22+50+28+36+20=156, 1471, 0.84387
18+50+30+30+28=156, 1481, 0.84317
32+28+44+36+22=162, 2237, 0.8326
42+38+22+26+34=162, 2591, 0.81814
30+22+30+38+34=154, 2647, 0.77604
26+24+24+46+26=146, 2657, 0.73566
30+26+34+26+54=170, 19373, 0.68823
48+32+34+36+26=176, 28493, 0.68592
34+32+28+32+48=174, 28537, 0.67803
32+42+46+42+30=192, 87509, 0.67477
54+30+42+50+18=194, 112967, 0.66686
44+40+48+36+20=188, 112979, 0.64624
30+54+36+32+22=174, 112997, 0.59811
28+44+40+30+20=162, 113011, 0.55686
24+48+42+28+18=160, 113017, 0.54998
28+38+30+52+32=180, 1219783, 0.51376
30+32+30+58+30=180, 2704901, 0.48614
48+22+60+56+16=202, 19800181, 0.48092
28+42+44+40+50=204, 26217613, 0.4777
50+36+36+54+34=210, 68974307, 0.46539
42+36+42+48+32=200, 68974319, 0.44323
48+42+30+54+38=212, 216512069, 0.44182
50+36+54+34+36=210, 244581047, 0.43489
42+42+44+52+24=204, 246980009, 0.42225
30+46+66+38+30=210, 453166381, 0.42144
40+20+60+36+48=204, 469748287, 0.40866
24+26+64+36+50=200, 469748309, 0.40065
72+52+30+26+24=204, 925594309, 0.39523
26+42+30+58+62=218, 3929684741, 0.39472
58+36+36+48+42=220, 6716735083, 0.3889
32+46+24+78+38=218, 6986037881, 0.3847
24+42+60+40+44=210, 8391486787, 0.36761
42+40+50+40+38=210, 14189235157, 0.35935
42+32+40+42+56=212, 23035794137, 0.3554
34+32+48+42+54=210, 27759609457, 0.34932
30+40+32+70+38=210, 28050183361, 0.34917
50+46+38+28+42=204, 28818853337, 0.33881
58+42+38+30+30=198, 43440698923, 0.32334
28+48+38+40+44=198, 89638536073, 0.31405
42+52+26+40+44=204, 220654442179, 0.31241
44+54+16+38+48=200, 220654442189, 0.30628
28+54+20+52+36=190, 220654442209, 0.29097
36+30+70+36+30=202, 1165410601171, 0.29081
32+42+48+48+22=192, 2613066125567, 0.26861
50+42+42+36+30=200, 12905259199967, 0.265
40+30+36+56+40=202, 25808834153911, 0.26164
32+52+38+46+32=200, 29358712631309, 0.25798
30+48+50+40+24=192, 29358712631321, 0.24766
44+34+44+52+20=194, 40872465715469, 0.2476
50+52+30+30+32=194, 168874690826447, 0.23687
34+42+38+36+48=198, 412067367617023, 0.23535
46+44+40+30+32=192, 737418791721967, 0.22434
26+64+42+44+22=198, 2212337340364511, 0.22415
32+36+40+60+30=198, 2332440276111989, 0.22382
66+16+36+32+46=196, 3348133177132411, 0.21932
64+20+42+24+42=192, 3348133177132417, 0.21484

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