

# IPv6 CIDR Chart

Prefix	/48s	/56s	/64s
/24	16 M	4 G	1 T
/25	8 M	2 G	512 G
/26	4 M	1 G	256 G
/27	2 M	512 M	128 G
/28	1 M	256 M	64 G
/29	512 K	128 M	32 G
/30	256 K	64 M	16 G
/31	128 K	32 M	8 G
/32	64 K	16 M	4 G
/33	32 K	8 M	2 G
/34	16 K	4 M	1 G
/35	8 K	2 M	512 M
/36	4 K	1 M	256 M
/37	2 K	512 K	128 M
/38	1 K	256 K	64 M
/39	512	128 K	32 M
/40	256	64 K	16 M
/41	128	32 K	8 M
/42	64	16 K	4 M
/43	32	8 K	2 M
/44	16	4 K	1 M
/45	8	2 K	512 K
/46	4	1 K	256 K
/47	2	512	128 K
/48	1	256	64 K
/49		128	32 K
/50		64	16 K
/51		32	8 K
/52		16	4 K
/53		8	2 K
/54		4	1 K
/55		2	512
/56		1	256
/57			128
/58			64
/59			32
/60			16
/61			8
/62			4
/63			2
/64			1

\*address ranges 2001:0200:/23 minimum /35 portable allocations, 2001:0C00:/23 minimum /48 portable assignments, 2001:07FA:/32 minimum /64 portable assignments

K = 1,024 • M = 1,048,576 • G = 1,073,741,824 • T = 1,099,511,627,776

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