

Umrechnung Kilobyte, Megabyte und Co.

Bezeichnung	Symbol	vor der Standardisierung		nach der Standardisierung	
Bit / bit	b	1 bit	= 1 bit	1 bit	= 1 bit
Byte	B	1 B	= 8 bit	1 B	= 8 bit
Kilobit	kbit / kb	1 kbit	= 1024 bit	1 kBit	= 1000 bit
Kibibit	KiBit			1 KiBit	= 1024 bit
Kilobyte	kB	1 kB	= 1024 B = Byte	1 kB	= 1000 Byte
Kibibyte	KiB			1 KiB	= 1024 Byte
Megabit	MBit / Mb	1 MBit	= 1024 KBit	1 MBit	= 1000 kBit
Mebibit	MiBit / Mib			1 Mib	= 1024 KiBit
Megabyte	MB	1 MB	= 1024 kB	1 MB	= 1000 kB
Mebibyte	MiBit / MiB			1 MiB	= 1024 KiB
Gigabit	GBit / Gb	1 GBit	= 1024 MBit	1 GBit	= 1000 MBit
Gibibit	GiBit / Gib			1 Gib	= 1024 MiBit
Gigabyte	GB	1 GB	= 1024 MB	1 GB	= 1000 MB
Gibibyte	GiB			1 GiB	= 1024 MiB
Terabyte	TB	1 TB	= 1024 GB	1 TB	= 1000 GB
Tebibyte	TiB			1 TiB	= 1024 GiB
Petabyte	PB	1 PB	= 1024 TB	1 PB	= 1000 TB
Pebibyte	PiB			1 PiB	= 1024 TiB
Exabyte	EB	1 EB	= 1024 PB	1 EB	= 1000 PB
Exbibyte	EiB			1 EiB	= 1024 PiB

1 Byte	8 bits
1024 Bytes	1 Kilobyte
1024 kiloBytes	1 Megabyte
1 kiloByte	ca. 8000 bits
1 Megabyte	ca. 8000000 bits
1 kilobit	1000 bits
1 megabit	1000000 bits

Alle Angaben ohne Gewähr.

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