

AES Cipher/Inverse Cipher Block Diagram

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Derived from the AES Standard, Nov 26 2001, issued by NIST
Available at: <http://csrc.nist.gov/publications/fips/fips197/fips-197.pdf>

Key:

- Nb Number of 32-bit words comprising the State, input, and output widths
 This value always 4 according to the current version of the standard, so these widths are
 always 128 bits.
- Nk Number of 32-bit words comprising the Cipher Key
 Allowed values are 4, 6, or 8
- Nr Number of rounds
 Allowed values are 10 (when $Nk=4$), 12 (when $Nk=6$), and 14 (when $Nk=8$)



