Symmetric ciphers and cipher-text length changes

Symmetric Cipher	Mode	Increases Length	Padding Used (Yes/No)	Notes
AES (128, 192, 256)	ECB (Electronic Codebook)	No	Yes	Output length equals input length; padding needed if input is not a multiple of block size.
	CBC (Cipher Block Chaining)	No	Yes	Output length equals input length; padding needed if input is not a multiple of block size.
	CFB (Cipher Feedback)	No	No	Output length equals input length; works as a stream cipher.
	OFB (Output Feedback)	No	No	Output length equals input length; works as a stream cipher.
	CTR (Counter Mode)	No	No	Output length equals input length; works as a stream cipher.
	GCM (Galois/ Counter Mode)	Yes	No	Increases length due to authentication tag (typically 16 bytes).
	CCM (Counter with CBC-MAC)	Yes	No	Increases length due to authentication tag (8-16 bytes).
	XTS (XEX Tweakable Block Cipher)	No	No	Output length equals input length; typically used for disk encryption.
Blowfish	ECB	No	Yes	Same as AES in ECB mode. Same as AES in
	CBC	No	Yes	CBC mode. Same as AES in
	CFB	No	No	CFB mode. Same as AES in
	OFB	No	No	OFB mode. Same as AES in
CAST5	CTR ECB	No No	No Yes	CTR mode. Same as AES in
CAS13	СВС	No	Yes	ECB mode. Same as AES in
DES	ЕСВ	No	Yes	CBC mode. Same as AES in
DLO	СВС	No	Yes	ECB mode. Same as AES in
Triple DES	ECB	No	Yes	CBC mode. Same as AES in
(3DES)	СВС	No	Yes	ECB mode. Same as AES in
Twofish	ECB	No	Yes	CBC mode. Same as AES in ECB mode.
	СВС	No	Yes	Same as AES in CBC mode.

Symmetric Cipher	Mode	Increases Length	Padding Used (Yes/No)	Notes
Camellia (128, 192, 256)	ECB	No	Yes	Same as AES in ECB mode.
	СВС	No	Yes	Same as AES in CBC mode.
	CFB	No	No	Same as AES in CFB mode.
	OFB	No	No	Same as AES in OFB mode.
	CTR	No	No	Same as AES in CTR mode.
Serpent	ECB	No	Yes	Same as AES in ECB mode.
	СВС	No	Yes	Same as AES in CBC mode.
ChaCha20	-	No	No	Stream cipher; output length equals input length.
Salsa20	-	No	No	Stream cipher; output length equals input length.
ARCFOUR (RC4)	-	No	No	Stream cipher; output length equals input length.
GOST	ЕСВ	No	Yes	Same as AES in ECB mode.
	СВС	No	Yes	Same as AES in CBC mode.
IDEA	ЕСВ	No	Yes	Same as AES in ECB mode.
	СВС	No	Yes	Same as AES in CBC mode.
SEED	ЕСВ	No	Yes	Same as AES in ECB mode.
	СВС	No	Yes	Same as AES in CBC mode.