



Note:
hi and low denotes top and bottom
half of the permutation table

$$m = m[0..3] \quad c = c[0..3]$$

$$cm_{2i} = m_{2i} \oplus c_{2i+1}$$

$$cm_{2i+1} = m_{2i+1} \oplus c_{2i}$$

BLAKE-32 : $b=512, w=32$

BLAKE-64 : $b=1024, w=64$