|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Códigos ASCII (0-127).**  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Carácteres no imprimibles** | | | |  | **Carácteres imprimibles** | | | | | | | | | | | | **Nombre** | **Dec** | **Hex** | **Car.** |  | **Dec** | **Hex** | **Car.** |  | **Dec** | **Hex** | **Car.** |  | **Dec** | **Hex** | **Car.** | | Nulo | 0 | 00 | NUL |  | 32 | 20 | Espacio | 64 | 40 | @ | 96 | 60 | ` | | Inicio de cabecera | 1 | 01 | SOH |  | 33 | 21 | ! | 65 | 41 | A | 97 | 61 | a | | Inicio de texto | 2 | 02 | STX |  | 34 | 22 | " | 66 | 42 | B | 98 | 62 | b | | Fin de texto | 3 | 03 | ETX |  | 35 | 23 | # | 67 | 43 | C | 99 | 63 | c | | Fin de transmisión | 4 | 04 | EOT |  | 36 | 24 | $ | 68 | 44 | D | 100 | 64 | d | | enquiry | 5 | 05 | ENQ |  | 37 | 25 | % | 69 | 45 | E | 101 | 65 | e | | acknowledge | 6 | 06 | ACK |  | 38 | 26 | & | 70 | 46 | F | 102 | 66 | f | | Campanilla (beep) | 7 | 07 | BEL |  | 39 | 27 | ' | 71 | 47 | G | 103 | 67 | g | | backspace | 8 | 08 | BS |  | 40 | 28 | ( | 72 | 48 | H | 104 | 68 | h | | Tabulador horizontal | 9 | 09 | HT |  | 41 | 29 | ) | 73 | 49 | I | 105 | 69 | i | | Salto de línea | 10 | 0A | LF |  | 42 | 2A | \* | 74 | 4A | J | 106 | 6A | j | | Tabulador vertical | 11 | 0B | VT |  | 43 | 2B | + | 75 | 4B | K | 107 | 6B | k | | Salto de página | 12 | 0C | FF |  | 44 | 2C | , | 76 | 4C | L | 108 | 6C | l | | Retorno de carro | 13 | 0D | CR |  | 45 | 2D | - | 77 | 4D | M | 109 | 6D | m | | Shift fuera | 14 | 0E | SO |  | 46 | 2E | . | 78 | 4E | N | 110 | 6E | n | | Shift dentro | 15 | 0F | SI |  | 47 | 2F | / | 79 | 4F | O | 111 | 6F | o | | Escape línea de datos | 16 | 10 | DLE |  | 48 | 30 | 0 | 80 | 50 | P | 112 | 70 | p | | Control dispositivo 1 | 17 | 11 | DC1 |  | 49 | 31 | 1 | 81 | 51 | Q | 113 | 71 | q | | Control dispositivo 2 | 18 | 12 | DC2 |  | 50 | 32 | 2 | 82 | 52 | R | 114 | 72 | r | | Control dispositivo 3 | 19 | 13 | DC3 |  | 51 | 33 | 3 | 83 | 53 | S | 115 | 73 | s | | Control dispositivo 4 | 20 | 14 | DC4 |  | 52 | 34 | 4 | 84 | 54 | T | 116 | 74 | t | | neg acknowledge | 21 | 15 | NAK |  | 53 | 35 | 5 | 85 | 55 | U | 117 | 75 | u | | Sincronismo | 22 | 16 | SYN |  | 54 | 36 | 6 | 86 | 56 | V | 118 | 76 | v | | Fin bloque transmitido | 23 | 17 | ETB |  | 55 | 37 | 7 | 87 | 57 | W | 119 | 77 | w | | Cancelar | 24 | 18 | CAN |  | 56 | 38 | 8 | 88 | 58 | X | 120 | 78 | x | | Fin medio | 25 | 19 | EM |  | 57 | 39 | 9 | 89 | 59 | Y | 121 | 79 | y | | Sustituto | 26 | 1A | SUB |  | 58 | 3A | : | 90 | 5A | Z | 122 | 7A | z | | Escape | 27 | 1B | ESC |  | 59 | 3B | ; | 91 | 5B | [ | 123 | 7B | { | | Separador archivos | 28 | 1C | FS |  | 60 | 3C | < | 92 | 5C | \ | 124 | 7C | | | | Separador grupos | 29 | 1D | GS |  | 61 | 3D | = | 93 | 5D | ] | 125 | 7D | } | | Separador registros | 30 | 1E | RS |  | 62 | 3E | > | 94 | 5E | ^ | 126 | 7E | ~ | | Separador unidades | 31 | 1F | US |  | 63 | 3F | ? | 95 | 5F | \_ | 127 | 7F | DEL | |