

**uchar()** — Convert code point to Unicode character

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## Description

`uchar(c)` returns the Unicode character in UTF-8 encoding corresponding to Unicode code point  $c$ . It returns an empty string if  $c$  is beyond the Unicode code-point range.

When  $c$  is not a scalar, this function returns element-by-element results.

## Syntax

*string matrix* `uchar(real matrix c)`

## Remarks and examples

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`uchar()` returns the same results as `char()` for code points 0–127.

## Conformability

`uchar(c)`:  
 $c: r \times c$   
*result*:  $r \times c$

## Diagnostics

None.

## Also see

[M-5] [ascii\(\)](#) — Manipulate ASCII and byte codes

[M-4] [String](#) — String manipulation functions

[U] [12.4.2 Handling Unicode strings](#)