

## 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

`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](#)

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