

The **ccicons** package

Version 1.0.0

A port of the ccicon LaTeX package for Typst.

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1 About

ccicons adds commands to add Creative Commons license logos to your document.




It is a port of the LaTeX package by the same name by Michael Ummels.

2 Usage

Add the package to your document by importing it at the top:

```
#import "@preview/ccicons:1.0.0": *
```

After the package has been imported, simply add a license icon to your document by using one of the shorthands provided (see Section 3):

#cc-by-nc-sa	#cc-by-nc-sa-shield	#cc-by-nc-sa-badge
		

If you need more control over the output, consider using the `#ccicon` function (see Section 4).

The logos will scale and change color with the surrounding text:

```
Lorem ipsum #cc-by-sa dolor sit amet
```

```
#set text(16pt, rgb("#ed592f"))  
Lorem ipsum #cc-by-sa dolor sit amet
```

```
#set text(1.5em, rgb("#05b5da"))  
Lorem ipsum #cc-by-sa dolor sit amet
```

Lorem ipsum  dolor sit amet




































Lorem ipsum  dolor sit amet










Lorem ipsum  dolor sit amet

3 Shorthand logo commands

The following commands can be used to typeset the icons provided by Creative Commons.

Licenses are a combination of the individual icons joined by a dash (-) and can be displayed as a set of icons, a “shield” or a “badge”, by adding the format as a suffix.



Markup	Result by suffix		
		- shield	- badge
#cc-logo			
#cc			
#ccAttribution			
#ccShareAlike			
#ccNoDerivatives			
#ccNonCommercial			
#ccNonCommercialEU			
#ccNonCommercialJP			
#ccPublicDomain			
#ccZero			
#ccShare			
#ccRemix			
#ccSampling			
#ccSamplingPlus			
#cc-by			
#cc-by-sa			
#cc-by-nd			
#cc-by-nc			
#cc-by-nc-sa			
#cc-by-nc-sa-eu			
#cc-by-nc-sa-jp			
#cc-by-nc-nd			

Markup	Result by suffix		
		-shield	-badge
#cc-by-nc-nd-eu			
#cc-by-nc-nd-jp			
#cc-zero			
#cc-pd			



4 The ccicon function

If you need more control over the output, you can use the `#ccicon` function. It can create an icon from the license name and takes the following options:

name Name of the icon / license as a string (like "cc-by-sa").

- `#ccicon("nc")` → 
- `#ccicon("cc-by-sa")` → 



Append -shield or -badge to generate the other formats.

- `#ccicon("cc-by-sa-shield")` → 
- `#ccicon("cc-by-sa-badge")` → 



You can also append a version number and language code each separated by a slash (/) to make the license version / language aware. This won't change the icon, but might be useful for using the `link` option (see below).

format One of `auto`, "icon", "badge" or "shield". Defaults to `auto`.


This will override the format detected in the license name.

- `#ccicon("cc-by-sa-shield", format:"badge")` → 
- `#ccicon("cc-by-sa-badge", format:"icon")` → 

scale A scaling factor for the icon.

- `#ccicon("cc-by-sa-shield", scale:2)` → 
- `#ccicon("cc-by-sa-badge", scale:.88)` → 

baseline Sets the baseline of the surrounding #box.

- `#ccicon("cc-by-sa", baseline:5pt)` → 
- `#ccicon("cc-by-sa-badge", baseline:-5pt)` → 

link If `true`, the icon will be a clickable link to the license text.

- `#ccicon("cc-by-sa", link:true)` → 



You can change the language of the license text, by appending a language code to the license name, separated by /:

- `#ccicon("cc-by-sa-badge/de", link:true)` → 

Similarly, the license version may be provided:

- `#ccicon("cc-by-sa-shield/3.0/de", link:true)` → 

fill Either `auto` or a color. `auto` is the default and the icon will use the color of the surrounding text. Otherwise, the `fill` will be used to color the icon.

- `#text(fill: red, ccicon("cc-by-sa"))` → 
- `#ccicon("cc-by-sa", fill:red)` → 

Note that shields and badges will not be colored.

- `#ccicon("cc-by-sa", format:"shield", fill:red)` → 

5 Other utilities

`ccicons` provides the following additional helper functions:

#cc-url(license-name) Creates an url to the license text on the Creative Commons website.

- `#cc-url("cc-by-sa/de")` → <https://creativecommons.org/licenses/by-sa/4.0>

#cc-is-valid(license-name) Checks if the provided license name is valid and can be parsed by `ccicons`.

- `#cc-is-valid("cc-by-sa")` → `true`
- `#cc-is-valid("cc-by-nc-sa-badge")` → `true`
- `#cc-is-valid("sa")` → `true`
- `#cc-is-valid("sa-badge")` → `false`
- `#cc-is-valid("not-a-license")` → `false`