

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.

Please note that all icons in this package are trademarks of Creative Commons and are subject to the Creative Commons trademark policy (see <http://creativecommons.org/policies>).




The SVG files distributed in this package are available on [the Creative Commons website](#) and licensed under [Creative Commons Attribution 4.0 International license](#).

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`