





CIFilter Generated Barcodes

Using a CIFilter and changing the name key, like this:

```
guard let filter = CIFilter(name:"Place name here") else {return}
```

You can generate four different bar codes. I used the same data the generate each of these.

CODE	NAME	NOTES
	CIAztecCodeGenerator	Common code for mobile devices for transit applications. Adopted as the standard for mobile devices for Airplane ticketing. Many rail lines use it for ticketing too.
	CIQRCodeGenerator	Very common 2d Barcode used for many things, often HTML links, entertainment ticketing.
	CICode128BarcodeGenerator	Most common 1D Barcode. Basis for GS1-128 and UPC bar codes. Inventory control of consumer goods.
	CIPDF417BarcodeGenerator	Used often in logistics and shipping. US Postal service uses it in place of a stamp. Other small and large package shipping companies use it too with address information embedded. Paper tickets for Airlines will use this as well.

For details on all of these check the documentation here: https://developer.apple.com/library/archive/documentation/GraphicsImaging/Reference/CoreImageFilterReference/index.html#//apple_ref/doc/uid/TP30000136-SW142



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