# Display

## Contador

```
import cyberpi

cyberpi.display.show_label("Counter Program",16,0,0,0)
counter = 0

while True:

    if counter < 100:
        counter = counter + 1
    else:
        counter = 0
    cyberpi.display.set_brush(counter+100, 0, 0)
    cyberpi.display.show_label(counter,32,48,64,1)
```

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https://www.youtube.com/embed/yOK__g1O6OQ

## Limpiar y apagar la pantalla

```
import cyberpi

cyberpi.display.on()

cyberpi.display.show_label("A:Clear the Sceen",12,0,0,0)
cyberpi.display.show_label("B:Close the screen",12,0,24,1)
```

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```
while True:
    if cyberpi.controller.is_press('a'):
        cyberpi.display.clear()
    elif cyberpi.controller.is_press('b'):
        cyberpi.display.off()
```

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https://www.youtube.com/embed/qWmmkTRykyo

## Linechart

El display permite visualizar gráficas como por ejemplo este código

```
import cyberpi

value = 0

while True:
    if value < 100:
        value = value + 1
    else:
        value = 0
    cyberpi.linechart.add(value)
```

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https://www.youtube.com/embed/oSzWt8k3YLA

## Barchart

```
import cyberpi

value = 0

while True:
    if value < 100:
        value = value + 0.1
    else:
        value = 0
    cyberpi.barchart.add(value)
```

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https://www.youtube.com/embed/Y950W81RpEA

## Table

```
import cyberpi

cyberpi.display.set_brush(255,0,0)
cyberpi.table.add(1,1,"1,1")
cyberpi.table.add(2,1,"2,1")
cyberpi.table.add(3,1,"3,1")
cyberpi.table.add(4,1,"4,1")

cyberpi.display.set_brush(0,255,0)
cyberpi.table.add(1,2,"1,2")
cyberpi.table.add(2,2,"2,2")
cyberpi.table.add(3,2,"3,2")
cyberpi.table.add(4,2,"4,2")

cyberpi.display.set_brush(0,0,255)
cyberpi.table.add(1,3,"1,3")
cyberpi.table.add(2,3,"2,3")
cyberpi.table.add(3,3,"3,3")
```

```
cyberpi.table.add(4,3,"4,4")
```

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## Drawpixel

```
import cyberpi
import time



pixel_list =
["music","picture","video","clock","play","pause","next","prev","sound","temperature","light",
"motion","home","gear","list","right","wrong","shut_down","refresh","trash_can","download","su
nny","cloudy","rain","snow","train","rocket","car","truck","droplet","distance","fire","magnet
ic","gas","vision","color","overcast","foggy","sandstorm"]

my_sprite = cyberpi.sprite()
for p in pixel_list:
```

```
    my_sprite.draw_pixel(p)
    my_sprite.set_size(200)
    time.sleep(1)
    cyberpi.screen.render()
```

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https://www.youtube.com/embed/0UBumFzEuvI

## QR

```
import cyberpi

my_sprite = cyberpi.sprite()
my_sprite.draw_QR("https://catedu.es/")
my_sprite.set_size(400)
cyberpi.screen.render()
```

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¡¡ y funciona !!!

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Revision #3
Created 2025-04-29 19:53:54 CEST by Juanjo Mejías
Updated 2025-04-29 20:28:08 CEST by Juanjo Mejías

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