

Converting Colors

RGB(28, 240, 240)

Have a look what the booklet for
RGB(28, 240, 240) contains.

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Color

RGB(28, 240, 240)

Conversions

Conversions Part 1

Format	Color
Hex	1CF0F0
RGB	28, 240, 240
RGB Percent	11%, 94%, 94%
CMY	0.8902, 0.0588, 0.0588
CMYK	0.88, 0.00, 0.00, 0.06
HSL	180°, 88%, 53%
HSV	180°, 88%, 94%
XYZ	47.3672, 68.8583, 93.2326
YIQ	176.6120, -126.3520, -44.9440

Conversions

Conversions Part 2

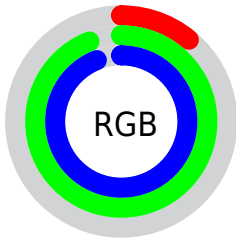
Format	Color
R _Y B	28, 134, 240
Decimal	1896688
CIE Lab	86.43, -45.11, -13.31
CIE LCh	86, 47.033, 196.436
Yxy	68.8583, 0.2261, 0.3287
Android (android.graphics.Color)	4280086768 (0xFF1CF0F0)
YUV	176.6120, 31.2503, -130.3327
Hunter-Lab	82.9809, -43.3253, -8.5282

Details

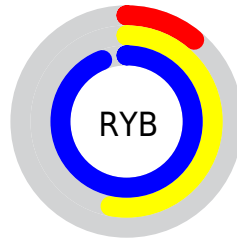
The RGB color **28, 240, 240** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **240, 28, 28**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **122, 255, 255**, and **0, 183, 184** is the 20% darker color. If you saturate the color by 10%, you get **4, 240, 240**, and if you desaturate by 10%, it is **52, 240, 240**.

Distribution



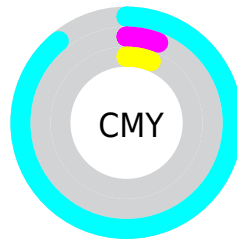
- Red (11%)
- Green (94%)
- Blue (94%)



- Red (11%)
- Yellow (53%)
- Blue (94%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)




















- Cyan (89%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 28, 240, 240 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 28, 240, 240 by changing the saturation by 10% instead.

 28, 240, 240	 28, 240, 240
 255, 255, 255	 0, 211, 212
 122, 255, 255	 0, 183, 184
 157, 255, 255	 0, 156, 157
 190, 255, 255	 0, 129, 131
 222, 255, 255	 0, 103, 106
 254, 255, 255	 0, 78, 82
	 0, 54, 59
	 0, 32, 37
	 0, 1, 16

 28, 240, 240

 28, 240, 240

 4, 240, 240

 52, 240, 240

 0, 240, 240

 76, 240, 240

 100, 240, 240

 124, 240, 240

 148, 240, 240

 172, 240, 240

 196, 240, 240

 220, 240, 240

 244, 240, 240

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



112, 239, 194



28, 240, 240



0, 236, 255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28, 240, 240



252, 196, 255



255, 207, 130

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28, 240, 240



240, 28, 28

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 191, 154



28, 240, 240



255, 184, 238

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28, 240, 240



191, 212, 255



255, 182, 193



221, 221, 129

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28, 240, 240



81, 230, 255



255, 182, 193



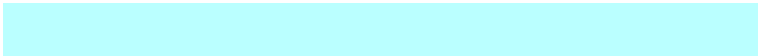
255, 201, 135

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28, 240, 240



186, 255, 255



28, 240, 28



87, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28, 240, 240



0, 255, 255



28, 134, 240



108, 120, 120



0, 184, 184



0, 56, 56

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



240, 28, 240



255, 0, 255



240, 134, 28



120, 108, 120



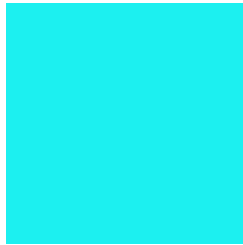
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RGB color 28, 240, 240 looks on a white background.

Color Contrast Check

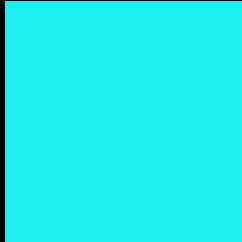
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 28, 240, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 28, 240, 240 Background



This preview shows how black text looks on a background with the RGB color 28, 240, 240.

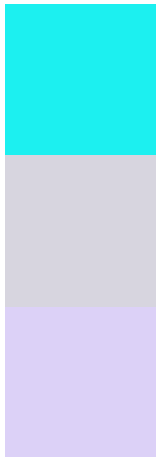


This preview shows how white text looks on a background with the RGB color 28, 240, 240.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

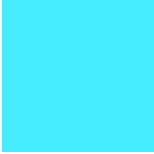
Dichromacy



Original Color
28, 240, 240

Protanopia
215, 213, 223

Deuteranopia
220, 209, 247



Tritanopia
70, 236, 255

Trichromacy



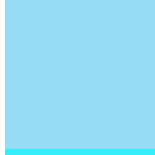
Original Color

28, 240, 240



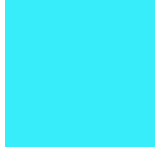
Protanomaly

147, 223, 229



Deuteranomaly

150, 220, 244



Tritanomaly

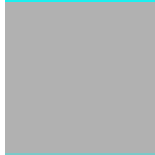
55, 237, 250

Monochromacy



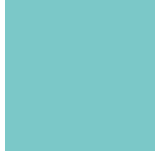
Original Color

28, 240, 240



Achromatopsia

177, 177, 177



Achromatomaly

123, 200, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 28, 240, 240 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(28, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(28, 240, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(28, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 240, 240) }
```

Border

The CSS property to change the border of an element to RGB 28, 240, 240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(28, 240, 240) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(28, 240, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(28, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(28, 240,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 28, 240, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 240, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(28, 240,  
240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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