

Converting Colors

RGB(74, 247, 227)

Have a look what the booklet for
RGB(74, 247, 227) contains.

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Color

RGB(74, 247, 227)

Conversions

Conversions Part 1

Format	Color
Hex	4AF7E3
RGB	74, 247, 227
RGB Percent	29%, 97%, 89%
CMY	0.7098, 0.0314, 0.1098
CMYK	0.70, 0.00, 0.08, 0.03
HSL	173°, 92%, 63%
HSV	173°, 70%, 97%
XYZ	49.9499, 73.5234, 84.2319
YIQ	192.9930, -96.6880, -42.8960

Conversions

Conversions Part 2

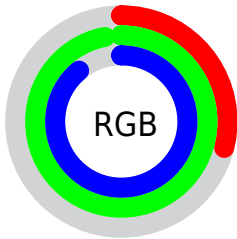
Format	Color
R _Y B	74, 166, 247
Decimal	4913123
CIE Lab	88.70, -47.79, -3.09
CIE LCh	89, 47.886, 183.696
Yxy	73.5234, 0.2405, 0.3540
Android (android.graphics.Color)	4283103203 (0xFF4AF7E3)
YUV	192.9930, 16.7655, -104.3569
Hunter-Lab	85.7458, -46.0727, 1.7789

Details

The RGB color **74, 247, 227** 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 **247, 74, 94**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **144, 255, 255**, and **0, 190, 172** is the 20% darker color. If you saturate the color by 10%, you get **49, 247, 224**, and if you desaturate by 10%, it is **99, 247, 230**.

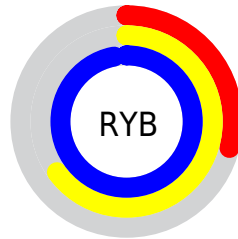
Distribution



Red (29%)

Green (97%)

Blue (89%)



Red (29%)

Yellow (65%)

Blue (97%)

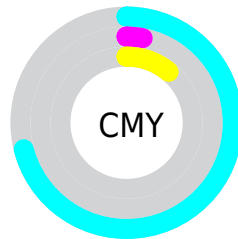


Cyan (70%)

Magenta (0%)

Yellow (8%)

Black (3%)



Cyan (71%)

















Magenta (3%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 247, 227 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 74, 247, 227 by changing the saturation by 10% instead.

 74, 247, 227	 74, 247, 227
 255, 255, 255	 15, 218, 199
 144, 255, 255	 0, 190, 172
 176, 255, 255	 0, 162, 145
 208, 255, 255	 0, 135, 120
 239, 255, 255	 0, 109, 95
	 0, 84, 71
	 0, 59, 49
	 0, 37, 28
	 0, 0, 2

 74, 247, 227

 74, 247, 227

 49, 247, 224

 99, 247, 230

 25, 247, 221

 123, 247, 233

 0, 247, 218

 148, 247, 236

 173, 247, 238

 197, 247, 241

 222, 247, 244

 247, 247, 247

 255, 247, 250

 255, 247, 253

Harmonies

Analogous

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



143, 243, 181



74, 247, 227



0, 245, 255

Triad

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



74, 247, 227



235, 209, 255



255, 206, 142

Complementary

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



74, 247, 227



247, 74, 94

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, 192, 174



74, 247, 227



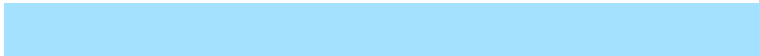
255, 193, 255

Square

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



74, 247, 227



164, 225, 255



255, 187, 219



247, 222, 130

Rectangle

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



74, 247, 227



39, 241, 255



255, 187, 219



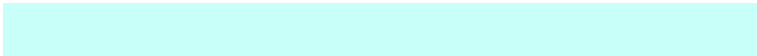
255, 201, 151

Sweetspot

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



74, 247, 227



201, 255, 249



94, 247, 74



96, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



74, 247, 227



41, 255, 230



74, 181, 247



110, 122, 121



0, 186, 165



0, 59, 52

Inverse Universe

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



247, 74, 94



255, 41, 66



247, 140, 74



122, 110, 112



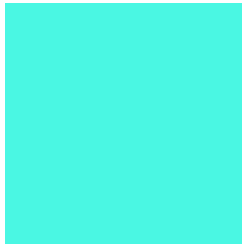
186, 0, 22



59, 0, 7

Previews

White Background



This preview shows how the RGB color 74, 247, 227 looks on a white background.

Color Contrast Check

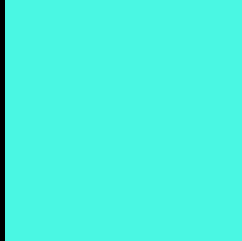
Large Text (above 18pt) WCAG AA × Fail

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 74, 247, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

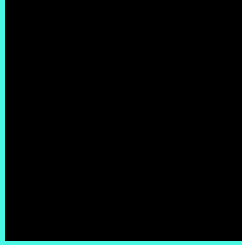
Any Text WCAG AA ✓ Pass

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 74, 247, 227 Background



This preview shows how black text looks on a background with the RGB color 74, 247, 227.

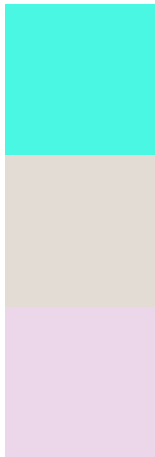


This preview shows how white text looks on a background with the RGB color 74, 247, 227.

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
74, 247, 227

Protanopia
227, 220, 212

Deuteranopia
236, 214, 234



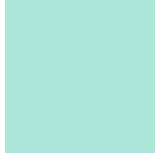
Tritanopia
127, 238, 255

Trichromacy



Original Color

74, 247, 227



Protanomaly

171, 230, 217



Deuteranomaly

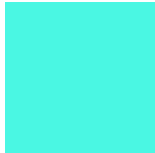
177, 226, 231



Tritanomaly

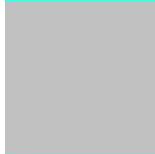
108, 241, 245

Monochromacy



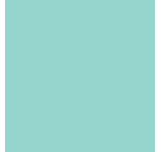
Original Color

74, 247, 227



Achromatopsia

193, 193, 193



Achromatomaly

150, 213, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 247, 227 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(74, 247, 227)` looks like.

```
.text, #text, p{  
    color:rgb(74, 247, 227)  
}
```

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(74, 247, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 247, 227) }
```

Border

The CSS property to change the border of an element to RGB 74, 247, 227 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(74, 247, 227) }
```

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

```
.border{ border-color:rgb(74, 247, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 247, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 247, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 247, 227);  
box-shadow:4px 4px 4px 4px rgb(74, 247,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 74, 247, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 247, 227) }
```

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

```
.background{ background-color: rgb(74, 247,  
227) }
```

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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