

Converting Colors

RGB(74, 255, 197)

Have a look what the booklet for
RGB(74, 255, 197) contains.

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Color

RGB(74, 255, 197)

Conversions

Conversions Part 1

Format	Color
Hex	4AFFC5
RGB	74, 255, 197
RGB Percent	29%, 100%, 77%
CMY	0.7098, 0.0000, 0.2275
CMYK	0.71, 0.00, 0.23, 0.00
HSL	161°, 100%, 65%
HSV	161°, 71%, 100%
XYZ	48.6621, 77.0071, 65.1224
YIQ	194.2690, -89.2580, -56.4100

Conversions

Conversions Part 2

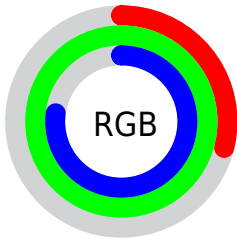
Format	Color
RYB	74, 182, 255
Decimal	4915141
CIELab	90.32, -58.30, 14.81
CIELCh	90, 60.154, 165.746
Yxy	77.0071, 0.2551, 0.4036
Android (android.graphics.Color)	4283105221 (0xFF4AFFC5)
YUV	194.2690, 1.3464, -105.4759
Hunter-Lab	87.7537, -54.5852, 17.4282

Details

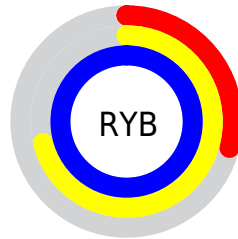
The RGB color **74, 255, 197** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **255, 74, 132**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **144, 255, 254**, and **0, 197, 143** is the 20% darker color. If you saturate the color by 10%, you get **49, 255, 189**, and if you desaturate by 10%, it is **100, 255, 205**.

Distribution



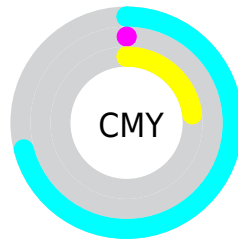
- Red (29%)
- Green (100%)
- Blue (77%)



- Red (29%)
- Yellow (71%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



















- Cyan (71%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 255, 197 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, 255, 197 by changing the saturation by 10% instead.

 74, 255, 197	 74, 255, 197
 255, 255, 255	 16, 226, 170
 144, 255, 254	 0, 197, 143
 176, 255, 255	 0, 169, 117
 207, 255, 255	 0, 142, 93
 239, 255, 255	 0, 115, 69
	 0, 89, 46
	 0, 64, 25
	 0, 41, 0
	 0, 2, 0

■ 74, 255, 197

■ 74, 255, 197

■ 49, 255, 189

■ 100, 255, 205

■ 23, 255, 181

■ 125, 255, 213

■ 0, 255, 173

■ 151, 255, 222

■ 176, 255, 230

■ 202, 255, 238

■ 227, 255, 246

■ 253, 255, 254

■ 255, 255, 255

Harmonies

Analogous

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



167, 247, 144



74, 255, 197



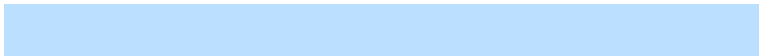
0, 255, 255

Triad

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



74, 255, 197



187, 223, 255



255, 194, 147

Complementary

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



74, 255, 197



255, 74, 132

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, 180, 199



74, 255, 197



255, 200, 255

Square

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



74, 255, 197



22, 241, 255



255, 183, 255



255, 214, 114

Rectangle

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



74, 255, 197



0, 255, 255



255, 183, 255



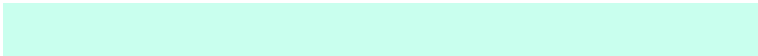
255, 188, 163

Sweetspot

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



74, 255, 197



201, 255, 238



134, 255, 74



96, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



74, 255, 197



38, 255, 186



74, 225, 255



115, 128, 123



0, 191, 130



0, 64, 43

Inverse Universe

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



255, 74, 132



255, 38, 108



255, 104, 74



128, 115, 119



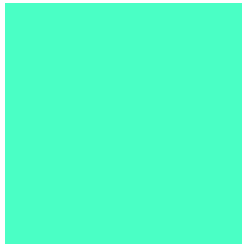
191, 0, 61



64, 0, 20

Previews

White Background



This preview shows how the RGB color 74, 255, 197 looks on a white background.

Color Contrast Check

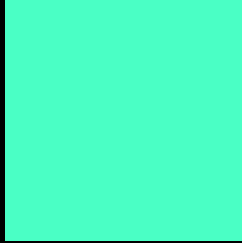
Large Text (above 18pt) WCAG AA × Fail

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, 255, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

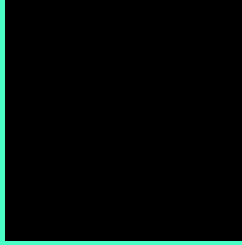
Any Text WCAG AA ✓ Pass

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, 255, 197 Background



This preview shows how black text looks on a background with the RGB color 74, 255, 197.

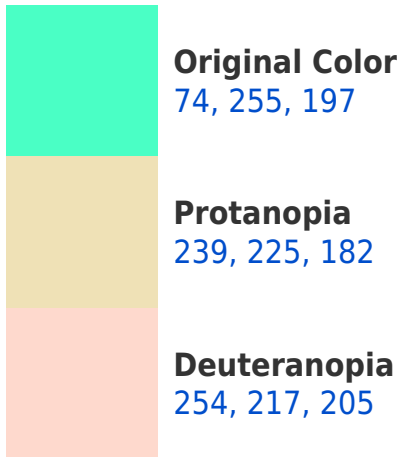


This preview shows how white text looks on a background with the RGB color 74, 255, 197.

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





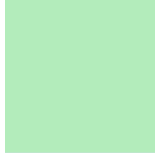
Tritanopia
152, 240, 255

Trichromacy



Original Color

74, 255, 197



Protanomaly

179, 236, 187



Deuteranomaly

189, 231, 202



Tritanomaly

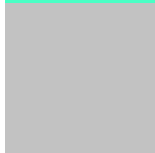
124, 245, 234

Monochromacy



Original Color

74, 255, 197



Achromatopsia

194, 194, 194



Achromatomaly

150, 216, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 255, 197 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, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(74, 255, 197)  
}
```

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, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 255, 197) }
```

Border

The CSS property to change the border of an element to RGB 74, 255, 197 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, 255, 197) }
```

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

```
.border{ border-color:rgb(74, 255, 197) }
```

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

Here you see how a box with a 4 pixel rgb(74, 255, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(74, 255,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 74, 255, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 255, 197) }
```

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

```
.background{ background-color: rgb(74, 255,  
197) }
```

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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