

Converting Colors

Hex(1FBBCC)

Have a look what the booklet for
Hex(1FBBCC) contains.

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Color

Hex(1FBBCC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1FBBCC |
| RGB | 31, 187, 204 |
| RGB Percent | 12%, 73%, 80% |
| CMY | 0.8784, 0.2667, 0.2000 |
| CMYK | 0.85, 0.08, 0.00, 0.20 |
| HSL | 186°, 74%, 46% |
| HSV | 186°, 85%, 80% |
| XYZ | 29.2345, 40.1916, 63.3437 |
| YIQ | 142.2940, -98.4330, -27.7850 |

Conversions

Conversions Part 2

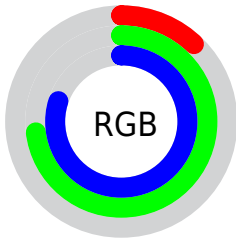
| Format | Color |
|-------------------------------------|---|
| RYB | 31, 113, 204 |
| Decimal | 2079692 |
| CIELab | 69.61, -31.48, -19.36 |
| CIElCh | 70, 36.957, 211.597 |
| Yxy | 40.1916, 0.2202, 0.3027 |
| Android (android.graphics.Color) | 4280269772 (0xFF1FBBC) |
| YUV | 142.2940, 30.4211, -97.6048 |
| Hunter-Lab | 63.3968, -28.6319, -14.8625 |

Details

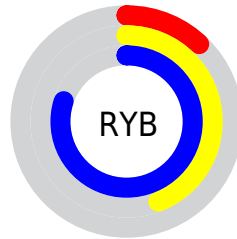
The Hex color **1FBBCC** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **CC301F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6FF4FF**, and **008596** is the 20% darker color. If you saturate the color by 10%, you get **0BB9CC**, and if you desaturate by 10%, it is **33BDCC**.

Distribution



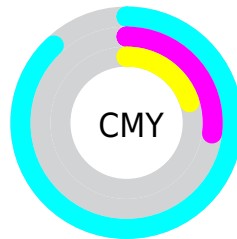
- Red (12%)
- Green (73%)
- Blue (80%)



- Red (12%)
- Yellow (44%)
- Blue (80%)



- Cyan (85%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (88%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FBBCB 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 Hex color 1FBBCB by changing the saturation by 10% instead.

 1FBBCC

 1FBBCC

FFFFFF

 00A0B1

 6FF4FF

 008596

 8FFFFFFF

 006C7C

 AEFFFF

 005363

 CDFFFF

 003B4B

 ECFFFF

 002634

 000220

 000004

 000000

■ 1FBBCC

■ 1FBBCC

■ 0BB9CC

■ 33BDCC

■ 00B8CC

■ 48BFCC

■ 5CC1CC

■ 71C3CC

■ 85C5CC

■ 99C7CC

■ AEC9CC

■ C2CBCC

■ D7CDCC

Harmonies

Analogous

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



46BCAB



1FBBCC



42B6E4

Triad

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



1FBBCC



D695CA



BEA966

Complementary

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



1FBBC



CC301F

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.



DA9D70



1FBBCC



E990A9

Square

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



1FBBCC



B0A1E3



EA9389



9BB270

Rectangle

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



1FBBC



6AB0EC



EA9389



C9A568

Sweetspot

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



1FBBCC



BFF9FF



1FCC2D



597C80



000000



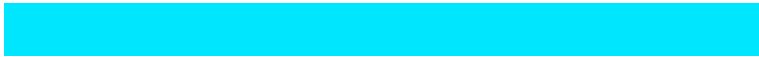
808080

Same Dimension

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



1FBBCC



00E6FF



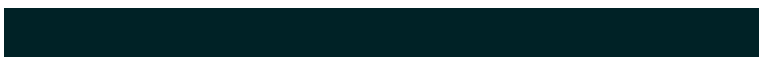
1F67CC



5C6566



0095A6



002226

Inverse Universe

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



CC1FBB



FF00E6



CC841F



665C65



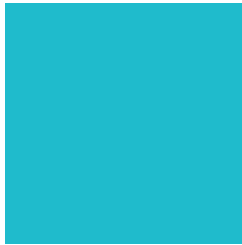
A60095



260022

Previews

White Background



This preview shows how the Hex color 1FBBCC looks on a white background.

Color Contrast Check

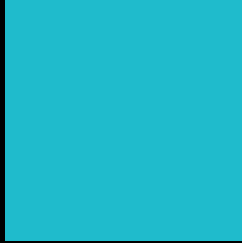
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1FBBCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

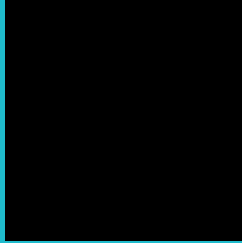
Any Text WCAG AA ✓ Pass

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](#).

Hex 1FBBCC Background



This preview shows how black text looks on a background with the Hex color 1FBBCC.

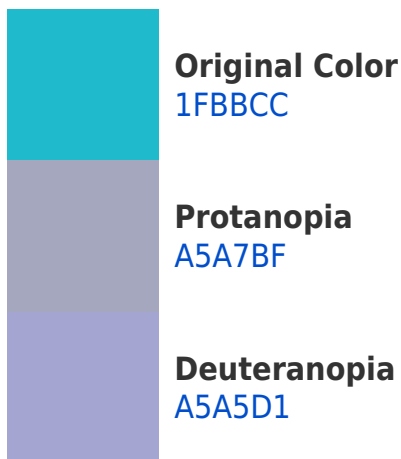


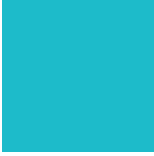
This preview shows how white text looks on a background with the Hex color 1FBBCC.

Color Blindness Simulation

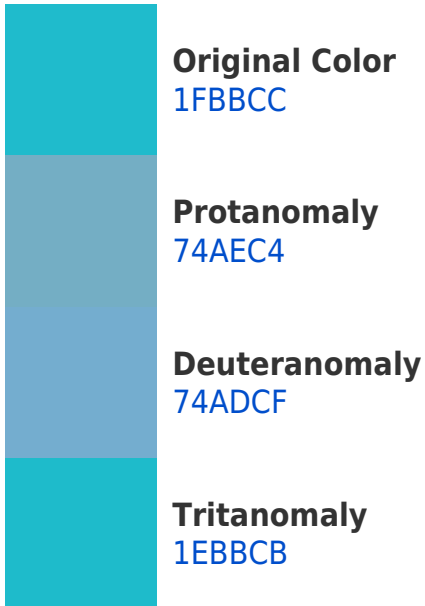
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

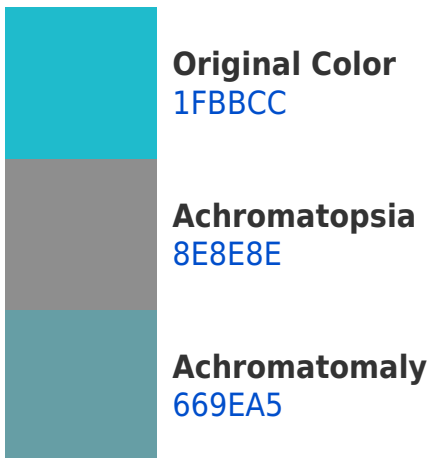




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FBBCC 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 #1FBBCC looks like.

```
.text, #text, p{  
  color:#1FBBCC  
}
```

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 #1FBBCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FBBCB
}
```

Border

The CSS property to change the border of an element to Hex 1FBBCB 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
#1FBBCB }
```

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

```
.border{ border-color:#1FBBCC }
```

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

Here you see how a box with a 4 pixel #1FBBCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FBBCC; -webkit-box-shadow:4px 4px  
4px 4px #1FBBCC; box-shadow:4px 4px 4px  
4px #1FBBCC }
```

Background

The CSS property to change the background color of an element to Hex 1FBBCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FBBCC }
```

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

```
.background{ background-color:#1FBBCC }
```

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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