

# Converting Colors

Hex(1EBFBE)

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

|  |    |
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# Color

Hex(1EBFBE)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 1EBFBE                       |
| RGB         | 30, 191, 190                 |
| RGB Percent | 12%, 75%, 75%                |
| CMY         | 0.8824, 0.2510, 0.2549       |
| CMYK        | 0.84, 0.00, 0.01, 0.25       |
| HSL         | 180°, 73%, 43%               |
| HSV         | 180°, 84%, 75%               |
| XYZ         | 28.4605, 41.2553, 55.1782    |
| YIQ         | 142.7470, -95.6350, -34.4430 |

# Conversions

## Conversions Part 2

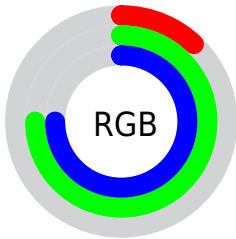
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">30, 111, 191</a>                |
| Decimal                             | <a href="#">2015166</a>                     |
| CIELab                              | <a href="#">70.35, -37.71, -10.57</a>       |
| CIElCh                              | <a href="#">70, 39.163, 195.652</a>         |
| Yxy                                 | <a href="#">41.2553, 0.2279, 0.3303</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4280205246<br/>(0xFF1EBFBE)</a> |
| YUV                                 | <a href="#">142.7470, 23.2957, -98.8791</a> |
| Hunter-Lab                          | <a href="#">64.2303, -33.3096, -5.9730</a>  |

# Details

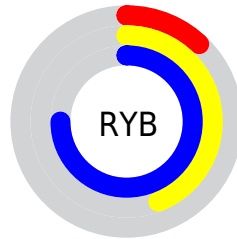
The Hex color **1EBFBE** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF1E1F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6EF8F6**, and **008989** is the 20% darker color. If you saturate the color by 10%, you get **0BBFBE**, and if you desaturate by 10%, it is **31BFBE**.

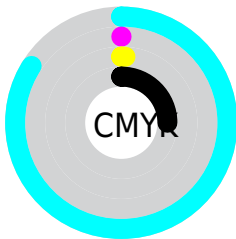
# Distribution



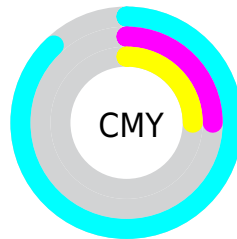
- Red (12%)
- Green (75%)
- Blue (75%)



- Red (12%)
- Yellow (44%)
- Blue (75%)



- Cyan (84%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (88%)
- Magenta (25%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 1EBFBE

 1EBFBE


FFFFFF

 00A4A3

 6EF8F6

 008989

 8DFFFF

 006F6F

 ACFFFF

 005657

 CBFFFF

 003E40

 EAFFFF

 00282A

 000316

 000000

 1EBFBE

 1EBFBE

■ 0BBFBE

■ 31BFBE

■ 00BFBE

■ 44BFBE

■ 57BFBE

■ 6ABFBE

■ 7EBFBF

■ 91BFBF

■ A4BFBF

■ B7BFBF

■ CABFBF

# Harmonies

## Analogous

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



5ABE99



1EBFBE



02BCDE

# Triad

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



1EBFBE



C79CDE



D2A467

# Complementary

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



1EBFBE



BF1E1F

# 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.



E9987B



1EBFBE



E792BF

# Square

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



1EBFBE



96A9F0



F1919B



B1B066

# Rectangle

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



1EBFBE



40B8EC



F1919B



DBA06C

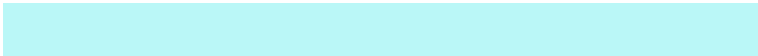


# Sweetspot

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



1EBFBE



BAF7F7



21BF1E



577D7D



FCFCFC



7D7D7D



# Same Dimension

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



1EBFBE



00F7F6



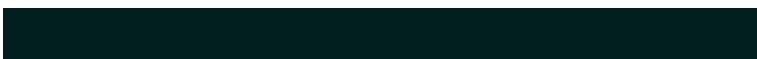
1E71BF



555E5E



009E9D



001F1E



# Inverse Universe

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



BF1E1F



F70002



BF6C1E



5E5555



9E0001

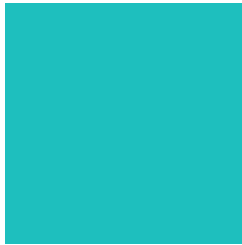


1F0000



# Previews

## White Background



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

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

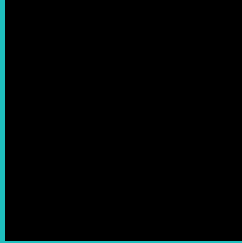
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

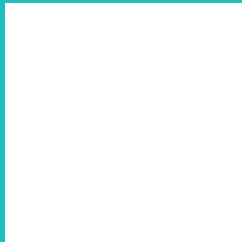
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1EBFBE Background



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

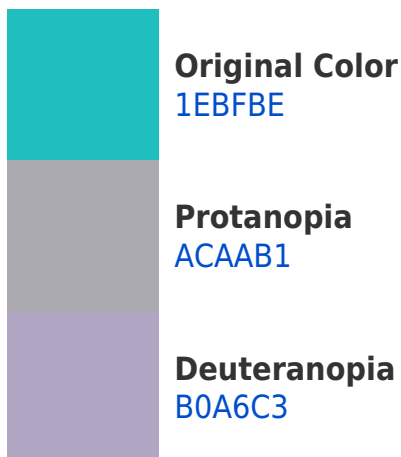


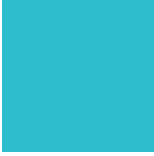
This preview shows how white text looks on a background with the Hex color 1EBFBE.

# 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

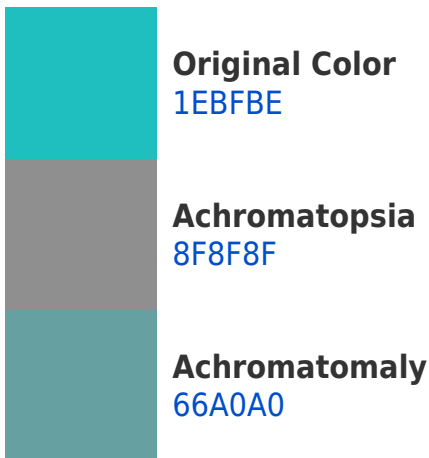




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #1EBFBE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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