

# Converting Colors

Hex(1CEBB0)

Have a look what the booklet for  
Hex(1CEBB0) contains.

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# Color

**Hex(1CEBB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CEBB0
RGB	28, 235, 176
RGB Percent	11%, 92%, 69%
CMY	0.8902, 0.0784, 0.3098
CMYK	0.88, 0.00, 0.25, 0.08
HSL	163°, 84%, 52%
HSV	163°, 88%, 92%
XYZ	38.0237, 62.7981, 51.1915
YIQ	166.3810, -104.4330, -62.2330

# Conversions

## Conversions Part 2

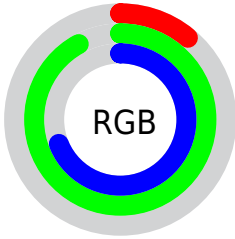
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 149, 235
Decimal	1895344
CIE <sub>Lab</sub>	83.34, -59.75, 15.75
CIE <sub>LCh</sub>	83, 61.795, 165.231
Yxy	62.7981, 0.2501, 0.4131
Android (android.graphics.Color)	4280085424 (0xFF1CEBB0)
YUV	166.3810, 4.7422, -121.3601
Hunter-Lab	79.2453, -53.0308, 17.1711

# Details

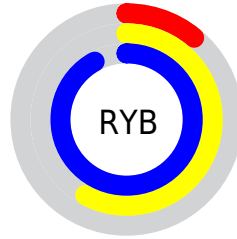
The Hex color **1CEBB0** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EB1C57**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **74FFE8**, and **00B27B** is the 20% darker color. If you saturate the color by 10%, you get **04EBA9**, and if you desaturate by 10%, it is **34EBB7**.

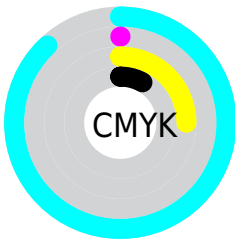
# Distribution



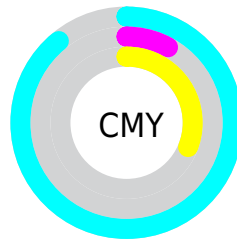
- Red (11%)
- Green (92%)
- Blue (69%)



- Red (11%)
- Yellow (58%)
- Blue (92%)



- Cyan (88%)
- Magenta (0%)
- Yellow (25%)
- Black (8%)



- Cyan (89%)
- Magenta (8%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CEBB0 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 1CEBB0 by changing the saturation by 10% instead.



 1CEBB0

 1CEBB0

FFFFFF

 00CE95

 74FFE8

 00B27B

 96FFFF

 009662

 B6FFFF

 007B4A

 D5FFFF

 006133

 F5FFFF

 00481E

 003107

 001400

 000000

 1CEBB0

 1CEBB0

 04EBA9

 34EBB7

 00EBA8

 4BEBBD

 62EBC4

 7AEBCB

 92EBD1

 A9EBD8

 C1EBDF

 D8EBE6

 FOEBEC

# Harmonies

## Analogous

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



93E37A



1CEBB0



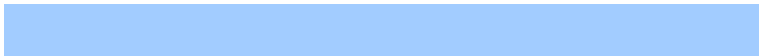
00EDEC

# Triad

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



1CEBB0



A2CCFF



FFAD7F

# Complementary

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



1CEBB0



EB1C57

# 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.



FF9EB4



1CEBB0



FAB4FF

# Square

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



1CEBB0



00DEFF



FFA2EF



FFC25D

# Rectangle

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



1CEBBO



00EBFF



FFA2EF



FFA790

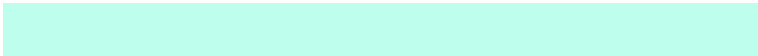


# Sweetspot

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



1CEBB0



BDF FEC



5AE B1C



588074



000000



808080



# Same Dimension

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



1CEBB0



00FFB6



1CC2EB



6A7572



00B581



003626



# Inverse Universe

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



EB1C57



FF0049



EB451C



756A6D



B50034

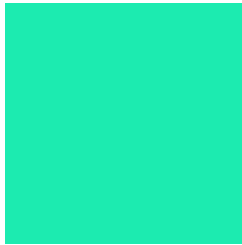


36000F



# Previews

## White Background



This preview shows how the Hex color 1CEBB0 looks on a white background.

## Color Contrast Check

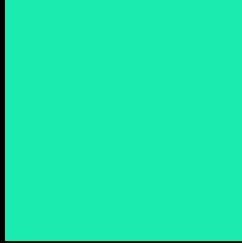
Large Text (above 18pt) WCAG AA × Fail

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 1CEBB0 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 1CEBB0 Background



This preview shows how black text looks on a background with the Hex color 1CEBB0.



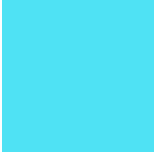
This preview shows how white text looks on a background with the Hex color 1CEBB0.

# 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](#).

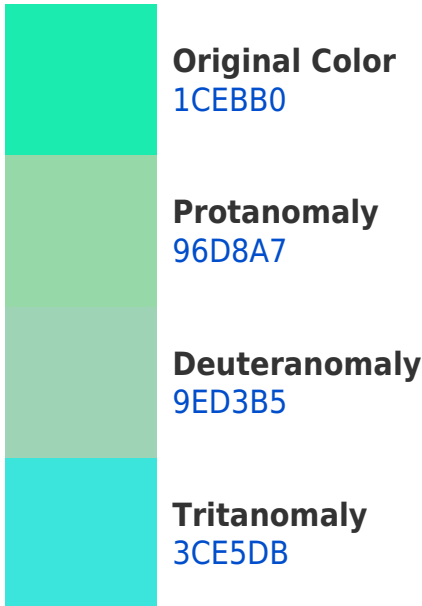
## Dichromacy



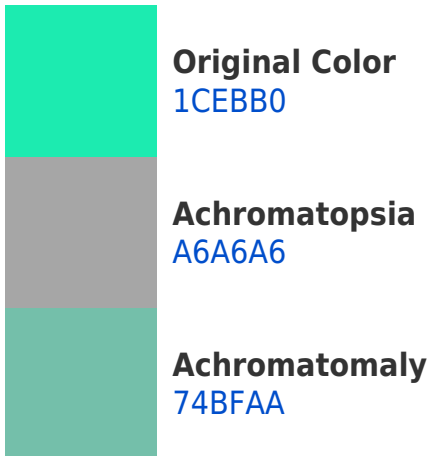


**Tritanopia**  
4FE2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CEBB0 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 #1CEBB0 looks like.

```
.text, #text, p{  
    color:#1CEBB0  
}
```

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 #1CEBB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CEBB0
}
```

## Border

The CSS property to change the border of an element to Hex 1CEBB0 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
#1CEBB0 }
```

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

```
.border{ border-color:#1CEBB0 }
```

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

Here you see how a box with a 4 pixel #1CEBB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CEBB0; -webkit-box-shadow:4px 4px  
4px 4px #1CEBB0; box-shadow:4px 4px 4px  
4px #1CEBB0 }
```

# Background

The CSS property to change the background color of an element to Hex 1CEBB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CEBB0 }
```

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

```
.background{ background-color:#1CEBB0 }
```

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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