

# Converting Colors

Hex(0ECBBC)

Have a look what the booklet for  
Hex(0ECBBC) contains.

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# Color

**Hex(0ECBBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0ECBBC
RGB	14, 203, 188
RGB Percent	5%, 80%, 74%
CMY	0.9451, 0.2039, 0.2627
CMYK	0.93, 0.00, 0.07, 0.20
HSL	175°, 87%, 43%
HSV	175°, 93%, 80%
XYZ	30.6141, 46.4361, 54.9265
YIQ	144.7790, -107.8290, -44.7330

# Conversions

## Conversions Part 2

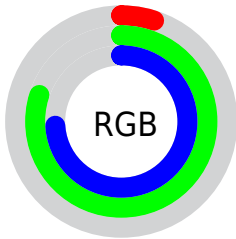
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 112, 203
Decimal	969660
CIELab	73.83, -44.45, -4.33
CIELCh	74, 44.659, 185.570
Yxy	46.4361, 0.2320, 0.3519
Android (android.graphics.Color)	4279159740 (0xFF0ECBBC)
YUV	144.7790, 21.3080, -114.6932
Hunter-Lab	68.1440, -39.0598, -0.0890

# Details

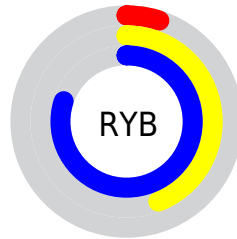
The Hex color **0ECBBC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **CB0E1D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6BFFF4**, and **009487** is the 20% darker color. If you saturate the color by 10%, you get **00CBBB**, and if you desaturate by 10%, it is **22CBBE**.

# Distribution



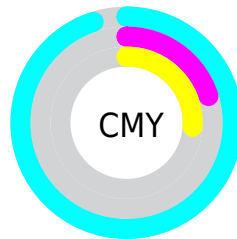
- Red (5%)
- Green (80%)
- Blue (74%)



- Red (5%)
- Yellow (44%)
- Blue (80%)



- Cyan (93%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (95%)
- Magenta (20%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0ECBBC 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 0ECBBC by changing the saturation by 10% instead.



 0ECBBC

 0ECBBC

FFFFFF

 00AFA1

 6BFFF4

 009487

 8CFFFF

 00796E

 ABFFFF

 006055

 CAFFFF

 00473E

 E9FFFF

 003028

 001614

 000000

 0ECBBC

 0ECBBC

00CBBB

22CBBE

37CBBF

4BCBC1

5FCBC2

74CBC4

88CBC6

9CCBC7

B0CBC9

C5CBCB

# Harmonies

## Analogous

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



68C892



0ECBBC



00C9E4

# Triad

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



0ECBBC



C4A8F8



EBA76B

# Complementary

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



0ECBBC



CB0E1D

# 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.



FF9A88



0ECBBC



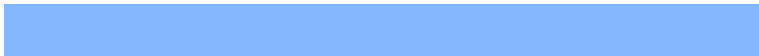
EF9AD8

# Square

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



0ECBBC



83B7FF



FF94AF



C8B662

# Rectangle

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



0ECBBC



00C6F8



FF94AF



F4A273

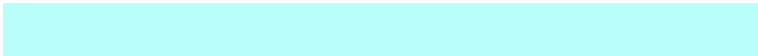


# Sweetspot

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



0ECBBC



B8FFF9



1ECB0E



54807C



000000



808080



# Same Dimension

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



0ECBBC



00FFEB



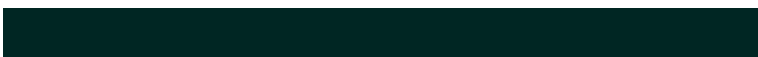
0E7CCB



5C6665



00A699



002623



# Inverse Universe

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



CB0E1D



FF0014



CB5D0E



665C5D



A6000D

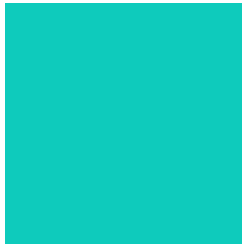


260003



# Previews

## White Background



This preview shows how the Hex color 0ECBBC 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 0ECBBC 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

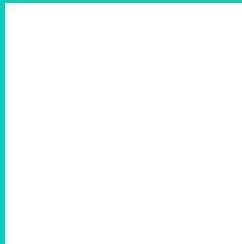
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0ECBBC Background



This preview shows how black text looks on a background with the Hex color 0ECBBC.



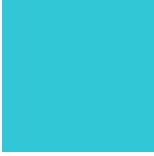
This preview shows how white text looks on a background with the Hex color 0ECBBC.

# 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**  
32C7D7

# Trichromacy



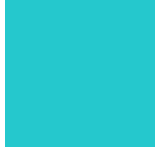
**Original Color**  
0ECBBC



**Protanomaly**  
7ABCB3



**Deuteranomaly**  
7FB9C0



**Tritanomaly**  
25C8CD

# Monochromacy



**Original Color**  
0ECBBC



**Achromatopsia**  
919191



**Achromatomaly**  
61A6A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0ECBBC 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 #0ECBBC looks like.

```
.text, #text, p{  
    color:#0ECBBC  
}
```

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 #0ECBBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0ECBBC  
}
```

## Border

The CSS property to change the border of an element to Hex 0ECBBC 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  
#0ECBBC }
```

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

```
.border{ border-color:#0ECBBC }
```

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

Here you see how a box with a 4 pixel #0ECBBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0ECBBC; -webkit-box-shadow:4px 4px  
4px 4px #0ECBBC; box-shadow:4px 4px 4px  
4px #0ECBBC }
```

# Background

The CSS property to change the background color of an element to Hex 0ECBBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0ECBBC }
```

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

```
.background{ background-color:#0ECBBC }
```

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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