

# Converting Colors

Hex(3ECCCB)

Have a look what the booklet for  
Hex(3ECCCB) contains.

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# Color

Hex(3ECCCB)

# Conversions

## Conversions Part 1

Format	Color
Hex	3ECCCB
RGB	62, 204, 203
RGB Percent	24%, 80%, 80%
CMY	0.7569, 0.2000, 0.2039
CMYK	0.70, 0.00, 0.00, 0.20
HSL	180°, 58%, 52%
HSV	180°, 70%, 80%
XYZ	34.3590, 48.5217, 64.0546
YIQ	161.4280, -84.3110, -30.4150

# Conversions

## Conversions Part 2

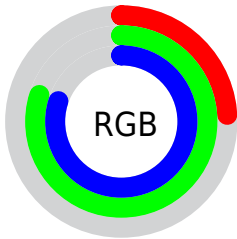
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 133, 204
Decimal	4115659
CIELab	75.15, -36.72, -10.42
CIElCh	75, 38.169, 195.845
Yxy	48.5217, 0.2338, 0.3302
Android (android.graphics.Color)	4282305739 (0xFF3ECCCB)
YUV	161.4280, 20.4950, -87.1984
Hunter-Lab	69.6575, -33.8544, -5.7608

# Details

The Hex color **3ECCCB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CC3E3F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **81FFFF**, and **009595** is the 20% darker color. If you saturate the color by 10%, you get **2ACCCB**, and if you desaturate by 10%, it is **52CCCB**.

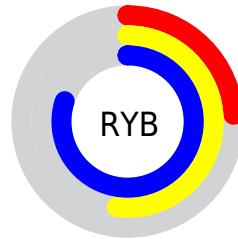
# Distribution



Red (24%)

Green (80%)

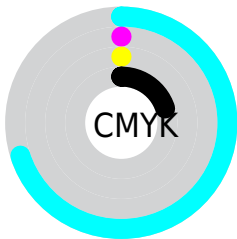
Blue (80%)



Red (24%)

Yellow (52%)

Blue (80%)

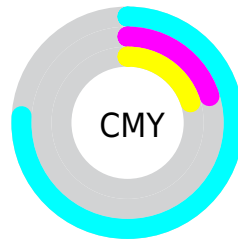


Cyan (70%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (76%)

Magenta (20%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3ECCCB 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 3ECCCB by changing the saturation by 10% instead.



 3ECCCB

 3ECCCB

FFFFFF

 00B0B0

 81FFFF

 009595

 A0FFFF

 007B7B

 BFFFFFF

 006162

 DDDFFF

 00494B

 FFFFFFF

 003134

 001B1F

 000005

 000000

 3ECCCB

 3ECCCB

 2ACCCB

 52CCCB

 15CCCB

 67CCCB

 01CCCB

 7BCCCB

 00CCCB

 90CCCC

 A4CCCC

 B8CCCC

 CDCCCC

 E1CCCC

 F6CCCC

# Harmonies

## Analogous

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



6BCBA7



3ECCCB



37C9EA

# Triad

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



3ECCCB



D5A9EA



DFB175

# Complementary

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



3ECCCB



CC3E3F

# 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.



F6A588



3ECCCB



F3A0CB

# Square

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



3ECCCB



A5B6FC



FE9EA8



BEBD74

# Rectangle

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



3ECCCB



58C4F8



FE9EA8



E8AD7A



# Sweetspot

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



3ECCCB



C9FFFF



40CC3E



60807F



000000



808080



# Same Dimension

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



3ECCCB



29FFFD



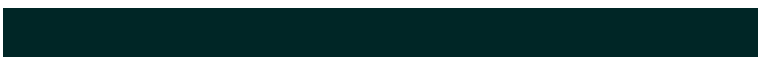
3E87CC



5C6666



00A6A5



002626



# Inverse Universe

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



CC3E3F



FF292A



CC833E



665C5C



A60001

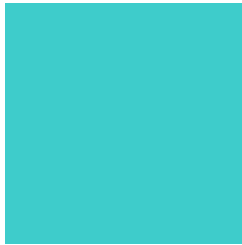


260000



# Previews

## White Background



This preview shows how the Hex color 3ECCCB looks on a white background.

## Color Contrast Check

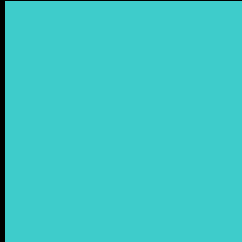
Large Text (above 18pt) WCAG AA × Fail

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 3ECCCB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

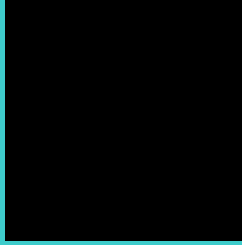
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

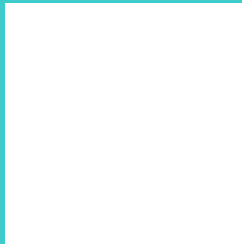
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3ECCCB Background



This preview shows how black text looks on a background with the Hex color 3ECCCB.



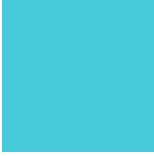
This preview shows how white text looks on a background with the Hex color 3ECCCB.

# 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

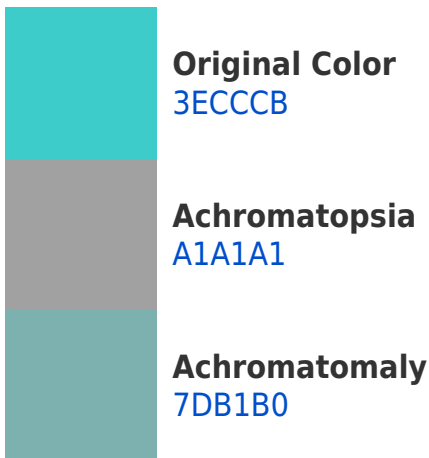




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3ECCCB 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 #3ECCCB looks like.

```
.text, #text, p{  
    color:#3ECCCB  
}
```

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 #3ECCCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ECCCB
}
```

## Border

The CSS property to change the border of an element to Hex 3ECCCB 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
#3ECCCB }
```

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

```
.border{ border-color:#3ECCCB }
```

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

Here you see how a box with a 4 pixel #3ECCCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ECCCB; -webkit-box-shadow:4px 4px  
4px 4px #3ECCCB; box-shadow:4px 4px 4px  
4px #3ECCCB }
```

# Background

The CSS property to change the background color of an element to Hex 3ECCCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ECCCB }
```

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

```
.background{ background-color:#3ECCCB }
```

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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