

Converting Colors

Hex(4ECBEB)

Have a look what the booklet for
Hex(4ECBEB) contains.

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Color

Hex(4ECBEB)

Conversions

Conversions Part 1

Format	Color
Hex	4ECBEB
RGB	78, 203, 235
RGB Percent	31%, 80%, 92%
CMY	0.6941, 0.2039, 0.0784
CMYK	0.67, 0.14, 0.00, 0.08
HSL	192°, 80%, 61%
HSV	192°, 67%, 92%
XYZ	39.4932, 50.3297, 86.2304
YIQ	169.2730, -84.7720, -16.5480

Conversions

Conversions Part 2

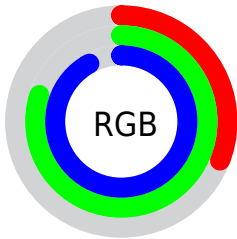
Format	Color
RYB	78, 148, 235
Decimal	5164011
CIELab	76.27, -24.62, -25.95
CIELCh	76, 35.768, 226.513
Yxy	50.3297, 0.2243, 0.2859
Android (android.graphics.Color)	4283354091 (0xFF4ECBEB)
YUV	169.2730, 32.4034, -80.0464
Hunter-Lab	70.9435, -24.7826, -22.4054

Details

The Hex color **4ECBEB** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **EB6E4E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8FFFFFF**, and **0095B3** is the 20% darker color. If you saturate the color by 10%, you get **36C6EB**, and if you desaturate by 10%, it is **66D0EB**.

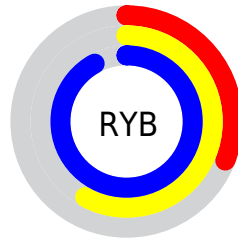
Distribution



Red (31%)

Green (80%)

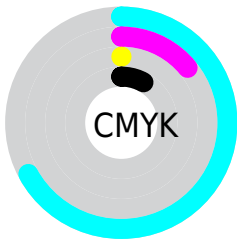
Blue (92%)



Red (31%)

Yellow (58%)

Blue (92%)

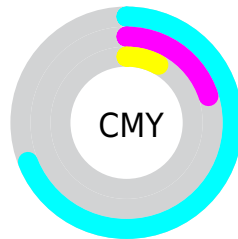


Cyan (67%)

Magenta (14%)

Yellow (0%)

Black (8%)



Cyan (69%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ECBEB 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 4ECBEB by changing the saturation by 10% instead.

 4ECBEB

 4ECBEB

FFFFFF

 23AFCF

 8FFFFFF

 0095B3

 AEFFFF

 007B98

 CDFFFF

 00627E

 ECFFFF

 004965

 00324D

 001F36

 000221

 000006

 4ECBEB

 4ECBEB

 36C6EB

 66D0EB

 1FC1EB

 7DD5EB

 07BDEB

 94D9EB

 00BBEB

 ACDEEB

 C3E3EB

 DBE8EB

 F3EDEB

 FFF1EB

 FFF6EB

Harmonies

Analogous

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



50CECE



4ECBEB



78C4FC

Triad

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



4ECBEB



F4A5CC



C0C07C

Complementary

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



4ECBEB



EB6E4E

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.



E0B57C



4ECBEB



FEA3AB

Square

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



4ECBEB



D7ADEA



F6AA8E



9BC88E

Rectangle

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



4ECBEB



9ABDFD



F6AA8E



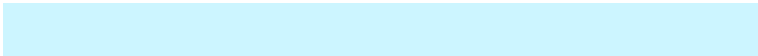
CCBC7A

Sweetspot

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



4ECBEB



CCF5FF



4EEB6D



617980



000000



808080

Same Dimension

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



4ECBEB



33D5FF



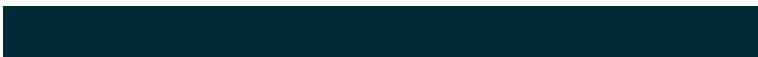
4E7DEB



6A7375



0090B5



002B36

Inverse Universe

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



EB4ECB



FF33D5



EBBC4E



756A73



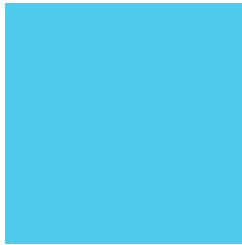
B50090



36002B

Previews

White Background



This preview shows how the Hex color 4ECBEB looks on a white background.

Color Contrast Check

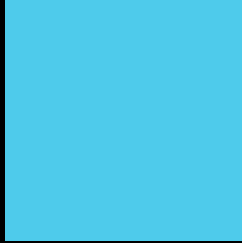
Large Text (above 18pt) WCAG AA × Fail

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 4ECBEB 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 4ECBEB Background



This preview shows how black text looks on a background with the Hex color 4ECBEB.



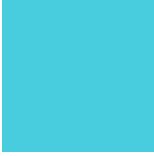
This preview shows how white text looks on a background with the Hex color 4ECBEB.

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](#).

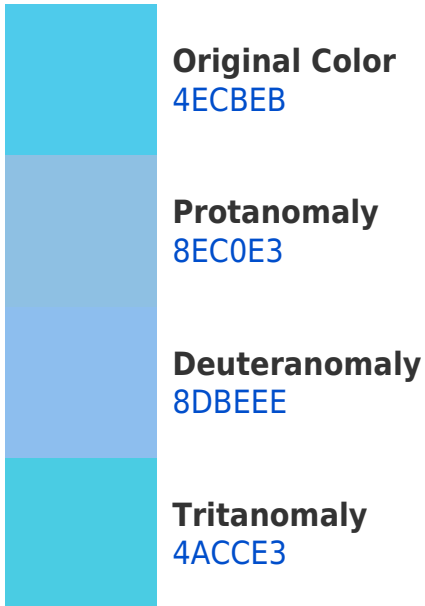
Dichromacy



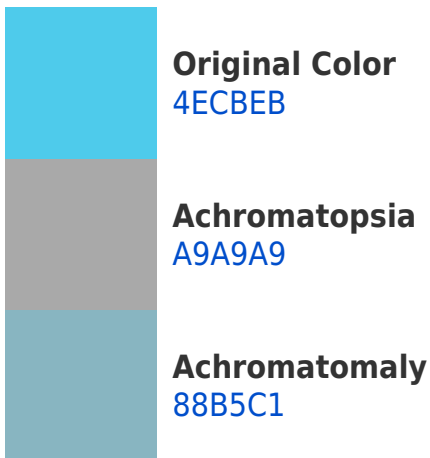


Tritanopia
47CDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ECBEB 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 #4ECBEB looks like.

```
.text, #text, p{  
    color:#4ECBEB  
}
```

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 #4ECBEB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4ECBEB 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
#4ECBEB }
```

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

```
.border{ border-color:#4ECBEB }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 4ECBEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ECBEB }
```

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

```
.background{ background-color:#4ECBEB }
```

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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