

Converting Colors

Hex(C3E9B9)

Have a look what the booklet for
Hex(C3E9B9) contains.

Hex(C3E9B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C3E9B9)

Conversions

Conversions Part 1

Format	Color
Hex	C3E9B9
RGB	195, 233, 185
RGB Percent	76%, 91%, 73%
CMY	0.2353, 0.0863, 0.2745
CMYK	0.16, 0.00, 0.21, 0.09
HSL	108°, 52%, 82%
HSV	108°, 21%, 91%
XYZ	60.4015, 73.3827, 56.8797
YIQ	216.1660, -7.2400, -22.9840

Conversions

Conversions Part 2

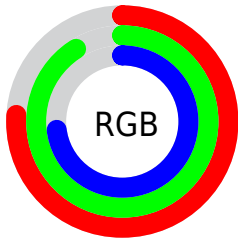
Format	Color
RYB	185, 233, 223
Decimal	12839353
CIELab	88.63, -21.12, 19.32
CIELCh	89, 28.623, 137.545
Yxy	73.3827, 0.3168, 0.3849
Android (android.graphics.Color)	4291029433 (0xFFC3E9B9)
YUV	216.1660, -15.3648, -18.5626
Hunter-Lab	85.6637, -24.0510, 20.5967

Details

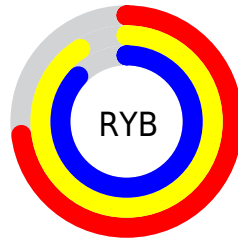
The Hex color **C3E9B9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DFB9E9**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FCFF1**, and **8DB184** is the 20% darker color. If you saturate the color by 10%, you get **B1E9A2**, and if you desaturate by 10%, it is **D5E9D0**.

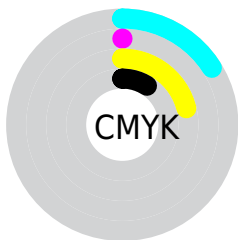
Distribution



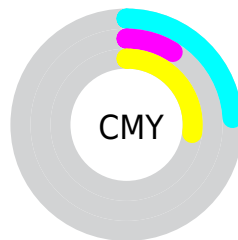
- Red (76%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (91%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3E9B9 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 C3E9B9 by changing the saturation by 10% instead.

 C3E9B9

FFFFFF

 FCFFF1

 C3E9B9

 A8CD9E

 8DB184

 73966A

 5A7C52

 41633B

 2A4B24

 13340F

 002000

 000000

 C3E9B9

 C3E9B9

 B1E9A2

 D5E9D0

 9EE98A

 E8E9E8

 8CE973

 FAE9FF

 79E95C

 FFE9FF

 67E944

 54E92D

 42E916

 31E900

Harmonies

Analogous

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



E2E2AA



C3E9B9



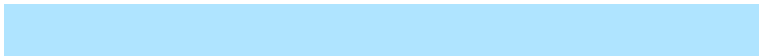
A5EDD2

Triad

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



C3E9B9



AFE4FF



FFCBCF

Complementary

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



C3E9B9



DFB9E9

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.



FFCCEB



C3E9B9



D4DBFF

Square

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



C3E9B9



95EBFF



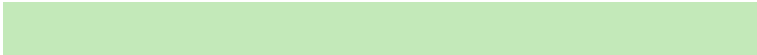
F6D2FF



FFD0B7

Rectangle

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



C3E9B9



97EEE5



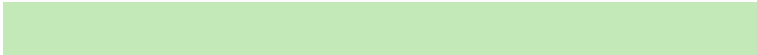
F6D2FF



FFCBD8

Sweetspot

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



C3E9B9



F3FFF0



E9DFB9



788077



000000



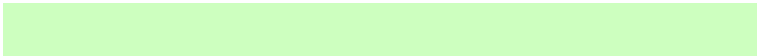
808080

Same Dimension

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



C3E9B9



CDFFBF



B9E9C7



6C756A



26B500



0B3600

Inverse Universe

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



DFB9E9



F2BFFF



E9B9DB



736A75



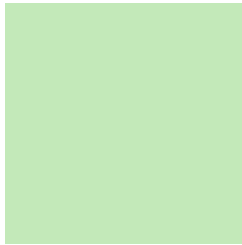
8F00B5



2A0036

Previews

White Background



This preview shows how the Hex color C3E9B9 looks on a white background.

Color Contrast Check

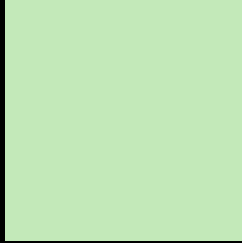
Large Text (above 18pt) WCAG AA × Fail

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 C3E9B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

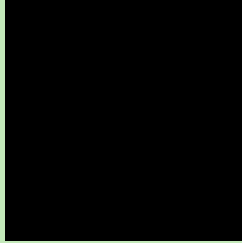
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

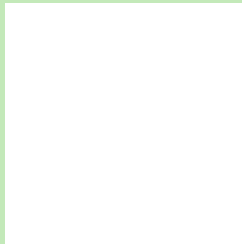
Any Text WCAG AAA ✓ Pass

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

Hex C3E9B9 Background



This preview shows how black text looks on a background with the Hex color C3E9B9.

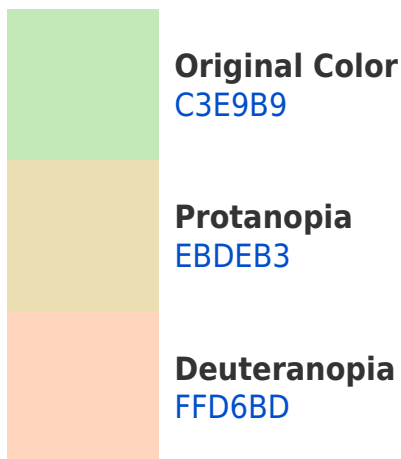


This preview shows how white text looks on a background with the Hex color C3E9B9.

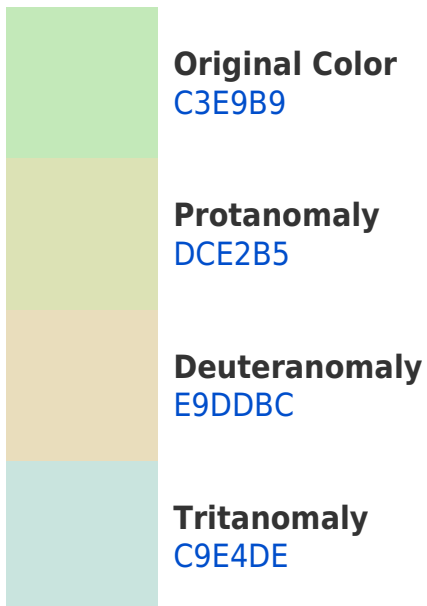
Color Blindness Simulation

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](#).

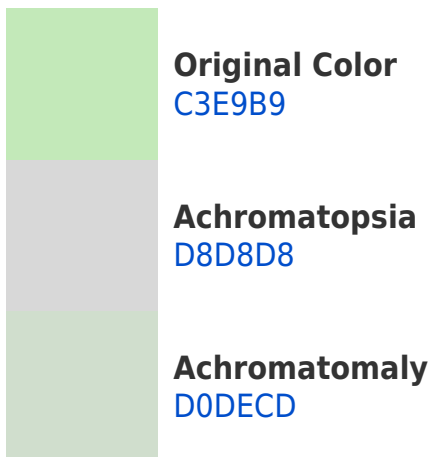
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3E9B9 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 #C3E9B9 looks like.

```
.text, #text, p{  
    color:#C3E9B9  
}
```

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 #C3E9B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E9B9
}
```

Border

The CSS property to change the border of an element to Hex C3E9B9 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
#C3E9B9 }
```

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

```
.border{ border-color:#C3E9B9 }
```

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

Here you see how a box with a 4 pixel `#C3E9B9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E9B9; -webkit-box-shadow:4px 4px  
4px 4px #C3E9B9; box-shadow:4px 4px 4px  
4px #C3E9B9 }
```

Background

The CSS property to change the background color of an element to Hex C3E9B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E9B9 }
```

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

```
.background{ background-color:#C3E9B9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor