

# Converting Colors

Hex(C3E9E1)

Have a look what the booklet for  
Hex(C3E9E1) contains.

<b>Hex(C3E9E1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C3E9E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3E9E1
RGB	195, 233, 225
RGB Percent	76%, 91%, 88%
CMY	0.2353, 0.0863, 0.1176
CMYK	0.16, 0.00, 0.03, 0.09
HSL	167°, 46%, 84%
HSV	167°, 16%, 91%
XYZ	65.2352, 75.3162, 82.3334
YIQ	220.7260, -20.0800, -10.5440

# Conversions

## Conversions Part 2

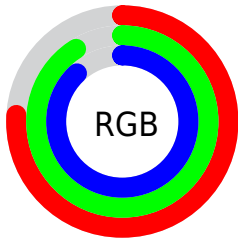
Format	Color
R <sub>Y</sub> B	195, 216, 233
Decimal	12839393
CIE Lab	89.54, -13.87, -0.24
CIE LCh	90, 13.873, 180.997
Yxy	75.3162, 0.2927, 0.3379
Android (android.graphics.Color)	4291029473 (0xFFC3E9E1)
YUV	220.7260, 2.1071, -22.5617
Hunter-Lab	86.7849, -17.6972, 4.5006

# Details

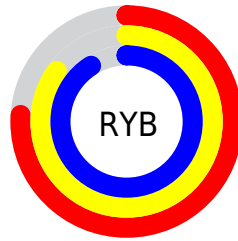
The Hex color **C3E9E1** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E9C3CB**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FCFFFF**, and **8DB1AA** is the 20% darker color. If you saturate the color by 10%, you get **ACE9DC**, and if you desaturate by 10%, it is **DAE9E6**.

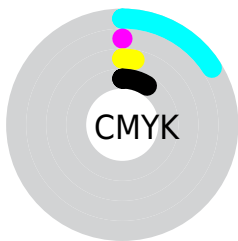
# Distribution



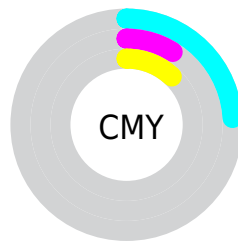
- Red (76%)
- Green (91%)
- Blue (88%)



- Red (76%)
- Yellow (85%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3E9E1 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 C3E9E1 by changing the saturation by 10% instead.



 C3E9E1

FFFFFF

 FCFFFF

 C3E9E1

 A8CDC5

 8DB1AA

 73978F

 5A7D76

 42645D

 2A4C46

 13352F

 001F1B

 000000

 C3E9E1

 C3E9E1

 ACE9DC

 DAE9E6

 94E9D7

 F2E9EB

 7DE9D2

 FFE9F0

 66E9CD

 FFE9F5

 4FE9C8

 FFE9FA

 37E9C4

 FFE9FE

 20E9BF

 FFE9FF

 09E9BA

 00E9B8

# Harmonies

## Analogous

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



CEE8D4



C3E9E1



C0E8EE

# Triad

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



C3E9E1



E4DEF8



F7DCCA

# Complementary

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



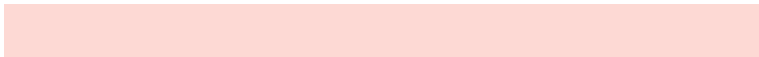
C3E9E1



E9C3CB

# 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.



FDD9D4



C3E9E1



F3DAEE

# Square

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



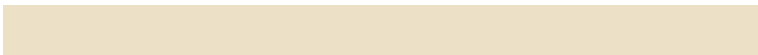
C3E9E1



D4E2FB



FCD8E1



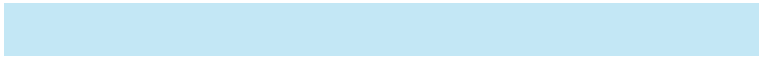
ECE0C7

# Rectangle

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



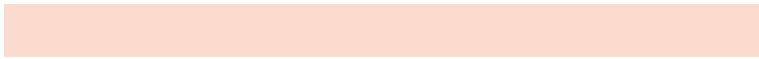
C3E9E1



C3E7F5



FCD8E1



FADBCD



# Sweetspot

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



C3E9E1



F2FFFC



CBE9C3



78807E



000000



808080

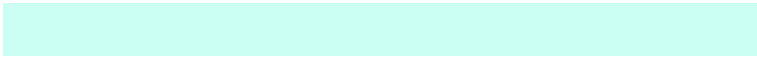


# Same Dimension

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



C3E9E1



CCFFF4



C3DEE9



6A7573



00B58F



00362A



# Inverse Universe

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



E9C3CB



FFCCD7



E9CEC3



756A6C



B50026



36000B



# Previews

## White Background



This preview shows how the Hex color C3E9E1 looks on a white background.

## Color Contrast Check

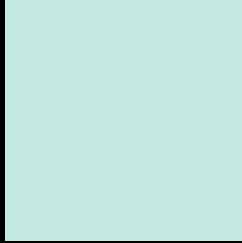
Large Text (above 18pt) WCAG AA × Fail

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 C3E9E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

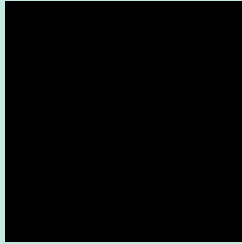
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

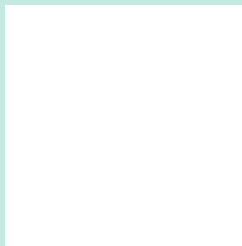
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3E9E1 Background



This preview shows how black text looks on a background with the Hex color C3E9E1.

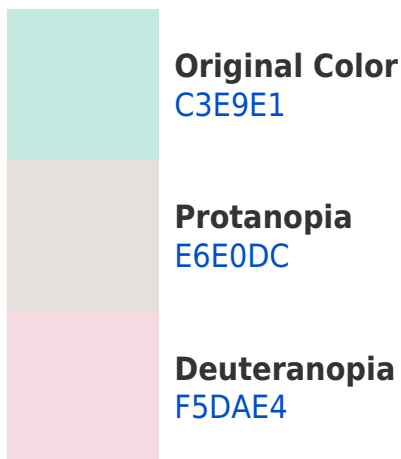


This preview shows how white text looks on a background with the Hex color C3E9E1.

# 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



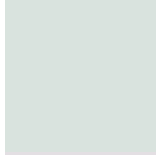


**Tritanopia**  
C7E6F8

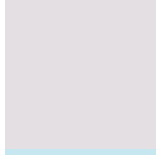
# Trichromacy



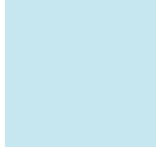
**Original Color**  
C3E9E1



**Protanomaly**  
D9E3DE



**Deuteranomaly**  
E3DFE3

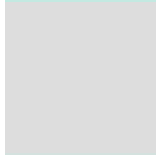


**Tritanomaly**  
C6E7F0

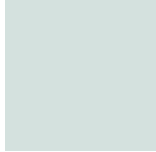
# Monochromacy



**Original Color**  
C3E9E1



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
D4E1DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3E9E1 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 #C3E9E1 looks like.

```
.text, #text, p{  
    color:#C3E9E1  
}
```

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 #C3E9E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E9E1
}
```

## Border

The CSS property to change the border of an element to Hex C3E9E1 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
#C3E9E1 }
```

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

```
.border{ border-color:#C3E9E1 }
```

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

Here you see how a box with a 4 pixel #C3E9E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E9E1; -webkit-box-shadow:4px 4px  
4px 4px #C3E9E1; box-shadow:4px 4px 4px  
4px #C3E9E1 }
```

# Background

The CSS property to change the background color of an element to Hex C3E9E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E9E1 }
```

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

```
.background{ background-color:#C3E9E1 }
```

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