

# Converting Colors

Hex(C3E7C4)

Have a look what the booklet for  
Hex(C3E7C4) contains.

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# **Color**

**Hex(C3E7C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3E7C4
RGB	195, 231, 196
RGB Percent	76%, 91%, 77%
CMY	0.2353, 0.0941, 0.2314
CMYK	0.16, 0.00, 0.15, 0.09
HSL	122°, 43%, 84%
HSV	122°, 16%, 91%
XYZ	61.0454, 72.7395, 63.0472
YIQ	216.2460, -10.2210, -18.5170

# Conversions

## Conversions Part 2

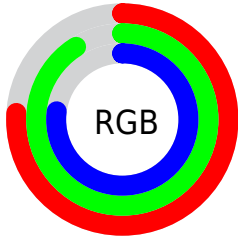
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 230, 231
Decimal	12838852
CIELab	88.32, -18.27, 13.17
CIELCh	88, 22.525, 144.223
Yxy	72.7395, 0.3101, 0.3696
Android (android.graphics.Color)	4291028932 (0xFFC3E7C4)
YUV	216.2460, -9.9813, -18.6327
Hunter-Lab	85.2874, -21.4897, 15.8721

# Details

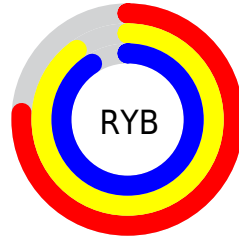
The Hex color **C3E7C4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E7C3E6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FCFFFD**, and **8DAF8E** is the 20% darker color. If you saturate the color by 10%, you get **ACE7AE**, and if you desaturate by 10%, it is **DAE7DA**.

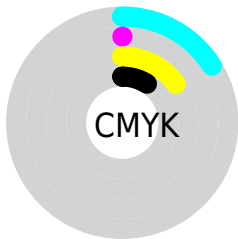
# Distribution



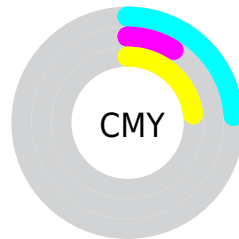
- Red (76%)
- Green (91%)
- Blue (77%)



- Red (76%)
- Yellow (90%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3E7C4 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 C3E7C4 by changing the saturation by 10% instead.



 C3E7C4

FFFFFF

 FCFFFD

 C3E7C4

 A8CBA9

 8DAF8E

 739575

 5A7B5C

 426244

 2B4A2E

 153319

 001E00

 000000

 C3E7C4

 C3E7C4

 ACE7AE

 DAE7DA

 95E797

 F1E7F1

 7EE781

 FFE7FF

 67E76A

 4FE754

 38E73D

 21E727

 0AE710

 00E706

# Harmonies

## Analogous

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



DCE2B6



C3E7C4



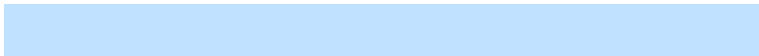
AEEAD9

# Triad

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



C3E7C4



C0E1FF



FFCFCD

# Complementary

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



C3E7C4



E7C3E6

# 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.



FFCFE3



C3E7C4



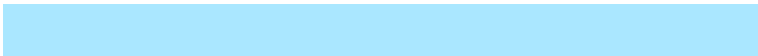
DCDAFF

# Square

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



C3E7C4



AAE7FF



F6D3F7



FFD4BC

# Rectangle

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



C3E7C4



A6EAE7



F6D3F7



FFCFD4

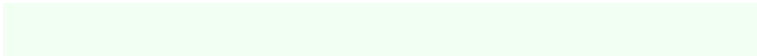


# Sweetspot

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



C3E7C4



F2FFF3



E6E7C3



788078



000000



808080

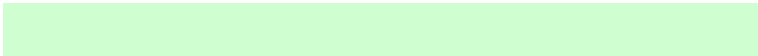


# Same Dimension

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



C3E7C4



CFFFD0



C3E7D6



677368



00B305



003301



# Inverse Universe

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



E7C3E6



FFCFFE



E7C3D4



736772



B300AE

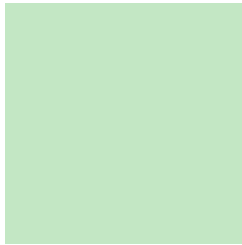


330032



# Previews

## White Background



This preview shows how the Hex color C3E7C4 looks on a white background.

## Color Contrast Check

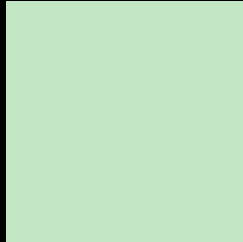
Large Text (above 18pt) WCAG AA × Fail

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 C3E7C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

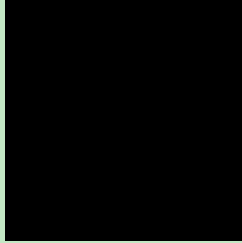
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

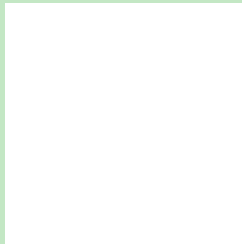
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3E7C4 Background



This preview shows how black text looks on a background with the Hex color C3E7C4.

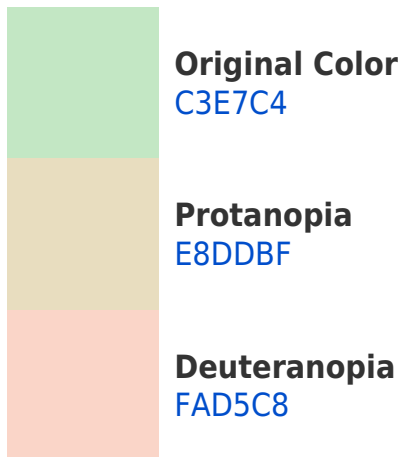


This preview shows how white text looks on a background with the Hex color C3E7C4.

# Color Blindness Simulation

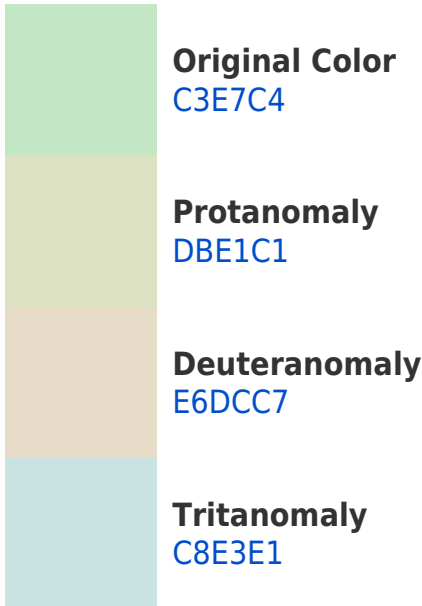
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

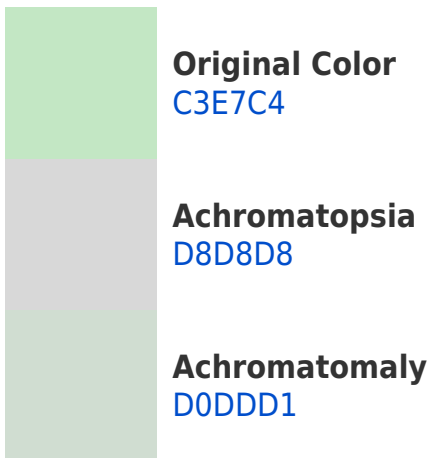




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3E7C4 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 #C3E7C4 looks like.

```
.text, #text, p{  
    color:#C3E7C4  
}
```

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 #C3E7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E7C4
}
```

## Border

The CSS property to change the border of an element to Hex C3E7C4 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
#C3E7C4 }
```

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

```
.border{ border-color:#C3E7C4 }
```

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

Here you see how a box with a 4 pixel #C3E7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E7C4; -webkit-box-shadow:4px 4px  
4px 4px #C3E7C4; box-shadow:4px 4px 4px  
4px #C3E7C4 }
```

# Background

The CSS property to change the background color of an element to Hex C3E7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E7C4 }
```

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

```
.background{ background-color:#C3E7C4 }
```

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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