

Converting Colors

Hex(C3E8D4)

Have a look what the booklet for
Hex(C3E8D4) contains.

Hex(C3E8D4)	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(C3E8D4)

Conversions

Conversions Part 1

Format	Color
Hex	C3E8D4
RGB	195, 232, 212
RGB Percent	76%, 91%, 83%
CMY	0.2353, 0.0902, 0.1686
CMYK	0.16, 0.00, 0.09, 0.09
HSL	148°, 45%, 84%
HSV	148°, 16%, 91%
XYZ	63.2460, 74.0688, 73.2506
YIQ	218.6570, -15.6320, -14.0640

Conversions

Conversions Part 2

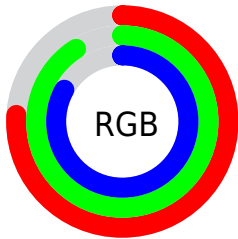
Format	Color
RYB	195, 220, 232
Decimal	12839124
CIELab	88.95, -15.87, 5.71
CIElCh	89, 16.871, 160.213
Yxy	74.0688, 0.3004, 0.3518
Android (android.graphics.Color)	4291029204 (0xFFC3E8D4)
YUV	218.6570, -3.2819, -20.7472
Hunter-Lab	86.0632, -19.4350, 9.7810

Details

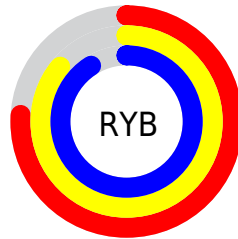
The Hex color **C3E8D4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8C3D7**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FCFFFF**, and **8DB09D** is the 20% darker color. If you saturate the color by 10%, you get **ACE8C7**, and if you desaturate by 10%, it is **DAE8E1**.

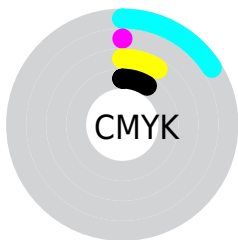
Distribution



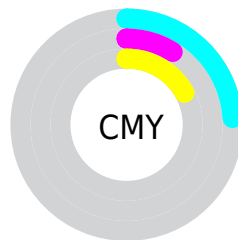
- Red (76%)
- Green (91%)
- Blue (83%)



- Red (76%)
- Yellow (86%)
- Blue (91%)



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



- Cyan (24%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3E8D4 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 C3E8D4 by changing the saturation by 10% instead.

 C3E8D4

 C3E8D4

FFFFFF

 A8CCB8

 FCFFFF

 8DB09D

 739683

 5A7C6A

 426352

 2B4B3B

 153425

 001F11

 000000

 C3E8D4

 C3E8D4

 ACE8C7

 DAE8E1

 95E8BB

 F1E8ED

 7DE8AE

 FFE8FA

 66E8A2

 FFE8FF

 4FE895

 38E889

 21E87C

 09E870

 00E86B

Harmonies

Analogous

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



D4E5C7



C3E8D4



B8E9E4

Triad

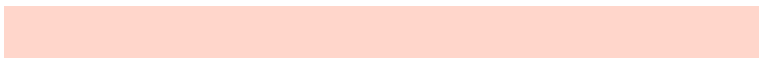
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C3E8D4



D5DFFF



FFD6CB

Complementary

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



C3E8D4



E8C3D7

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.



FFD4DA



C3E8D4



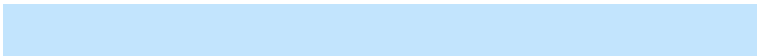
E9DAF8

Square

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



C3E8D4



C2E4FD



F9D6EB



F6DBC2

Rectangle

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



C3E8D4



B6E8EF



F9D6EB



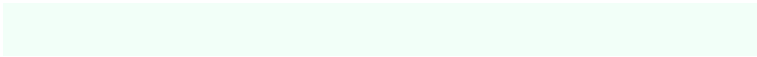
FFD5D0

Sweetspot

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



C3E8D4



F2FFF8



D7E8C3



78807B



000000



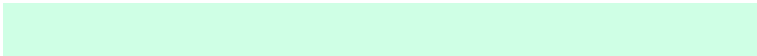
808080

Same Dimension

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



C3E8D4



CFFFE5



C3E8E6



67736D



00B352



003317

Inverse Universe

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



E8C3D7



FFCFE9



E8C3C5



73676D



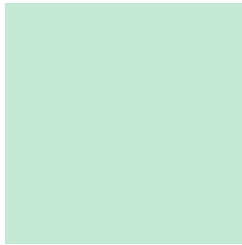
B30060



33001C

Previews

White Background



This preview shows how the Hex color C3E8D4 looks on a white background.

Color Contrast Check

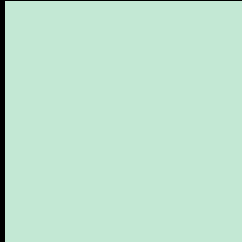
Large Text (above 18pt) WCAG AA × Fail

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 C3E8D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

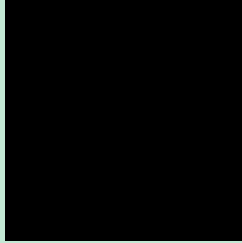
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

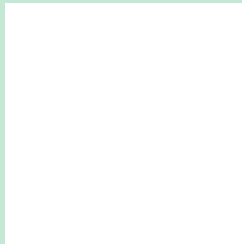
Any Text WCAG AAA ✓ Pass

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

Hex C3E8D4 Background



This preview shows how black text looks on a background with the Hex color C3E8D4.



This preview shows how white text looks on a background with the Hex color C3E8D4.

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



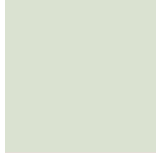


Tritanopia
C9E3F5

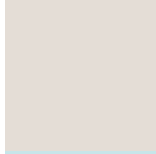
Trichromacy



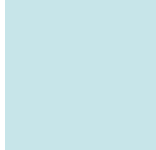
Original Color
C3E8D4



Protanomaly
DAE2D1



Deuteranomaly
E4DDD6

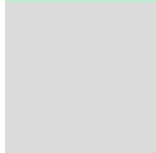


Tritanomaly
C7E5E9

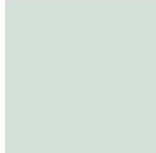
Monochromacy



Original Color
C3E8D4



Achromatopsia
DBDBDB



Achromatomaly
D2E0D8

CSS Examples

Text

The CSS property to change the color of the text to Hex C3E8D4 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 #C3E8D4 looks like.

```
.text, #text, p{  
    color:#C3E8D4  
}
```

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 #C3E8D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E8D4
}
```

Border

The CSS property to change the border of an element to Hex C3E8D4 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
#C3E8D4 }
```

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

```
.border{ border-color:#C3E8D4 }
```

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

Here you see how a box with a 4 pixel #C3E8D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E8D4; -webkit-box-shadow:4px 4px  
4px 4px #C3E8D4; box-shadow:4px 4px 4px  
4px #C3E8D4 }
```

Background

The CSS property to change the background color of an element to Hex C3E8D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E8D4 }
```

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

```
.background{ background-color:#C3E8D4 }
```

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