

Converting Colors

Hex(C2EBC8)

Have a look what the booklet for
Hex(C2EBC8) contains.

Hex(C2EBC8)	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(C2EBC8)

Conversions

Conversions Part 1

Format	Color
Hex	C2EBC8
RGB	194, 235, 200
RGB Percent	76%, 92%, 78%
CMY	0.2392, 0.0784, 0.2157
CMYK	0.17, 0.00, 0.15, 0.08
HSL	129°, 51%, 84%
HSV	129°, 17%, 92%
XYZ	62.3818, 75.0561, 65.8430
YIQ	218.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

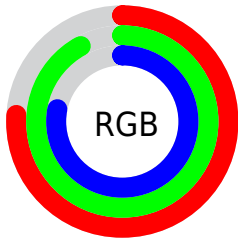
Format	Color
RYB	194, 230, 235
Decimal	12774344
CIELab	89.42, -19.87, 12.63
CIElCh	89, 23.547, 147.563
Yxy	75.0561, 0.3069, 0.3692
Android (android.graphics.Color)	4290964424 (0xFFC2EBC8)
YUV	218.7510, -9.2442, -21.7066
Hunter-Lab	86.6349, -23.0816, 15.5838

Details

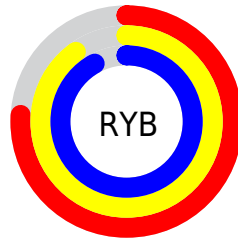
The Hex color **C2EBC8** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EBC2E5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FBFFFF**, and **8CB392** is the 20% darker color. If you saturate the color by 10%, you get **ABEBB4**, and if you desaturate by 10%, it is **D9EBDC**.

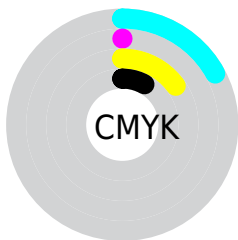
Distribution



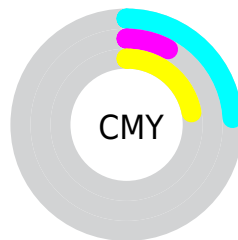
- Red (76%)
- Green (92%)
- Blue (78%)



- Red (76%)
- Yellow (90%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2EBC8 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 C2EBC8 by changing the saturation by 10% instead.

 C2EBC8

FFFFFF

 FBFFFF

 C2EBC8

 A7CFAD

 8CB392

 729878

 597E5F

 416548

 294D31

 12361C

 002103

 000000

 C2EBC8

 C2EBC8

 ABEBB4

 D9EBDC

 93EBA0

 F1EBF0

 7CEB8C

 FFEBFF

 64EB78

 4CEB64

 35EB50

 1DEB3C

 06EB28

 00EB22

Harmonies

Analogous

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



DCE6B9



C2EBC8



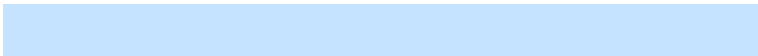
ADEEDE

Triad

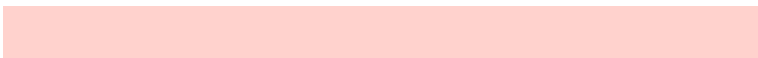
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2EBC8



C5E3FF



FFD2CD

Complementary

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



C2EBC8



EBC2E5

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.



FFD1E3



C2EBC8



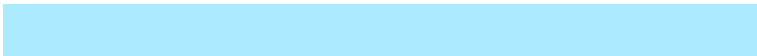
E2DCFF

Square

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



C2EBC8



ACEAFF



FCD5F9



FFD7BC

Rectangle

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



C2EBC8



A5EEED



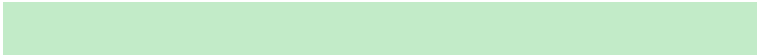
FCD5F9



FFD1D4

Sweetspot

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



C2EBC8



F2FFF4



E6EBC2



788079



000000



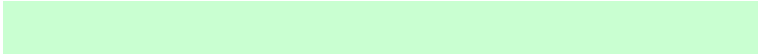
808080

Same Dimension

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



C2EBC8



C9FFD1



C2EBDC



6A756B



00B51A



003608

Inverse Universe

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



EBC2E5



FFC9F7



EBC2D1



756A74



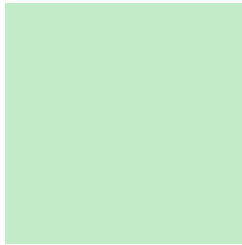
B5009B



36002E

Previews

White Background



This preview shows how the Hex color C2EBC8 looks on a white background.

Color Contrast Check

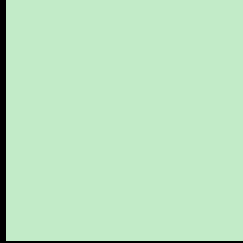
Large Text (above 18pt) WCAG AA × Fail

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 C2EBC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

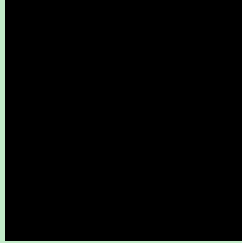
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

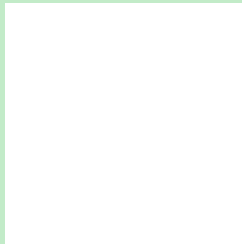
Any Text WCAG AAA ✓ Pass

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

Hex C2EBC8 Background



This preview shows how black text looks on a background with the Hex color C2EBC8.

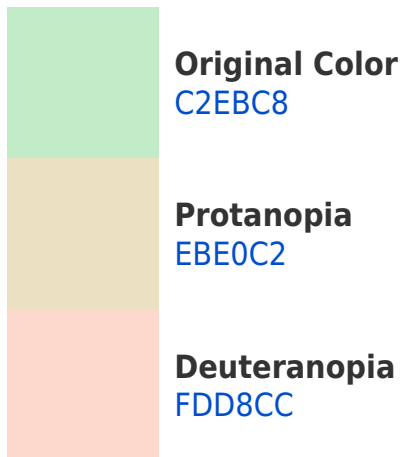


This preview shows how white text looks on a background with the Hex color C2EBC8.

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](#).

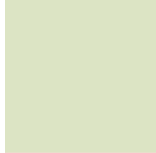
Dichromacy



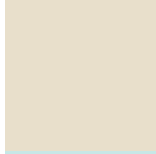
Trichromacy



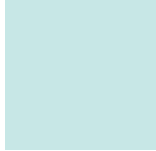
Original Color
C2EBC8



Protanomaly
DCE4C4

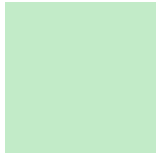


Deuteranomaly
E8DFCB

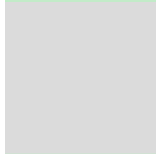


Tritanomaly
C7E7E6

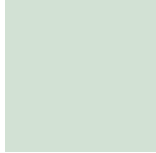
Monochromacy



Original Color
C2EBC8



Achromatopsia
DBDBDB



Achromatomaly
D2E1D4

CSS Examples

Text

The CSS property to change the color of the text to Hex C2EBC8 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 #C2EBC8 looks like.

```
.text, #text, p{  
    color:#C2EBC8  
}
```

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 #C2EBC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2EBC8  
}
```

Border

The CSS property to change the border of an element to Hex C2EBC8 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  
#C2EBC8 }
```

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

```
.border{ border-color:#C2EBC8 }
```

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

Here you see how a box with a 4 pixel #C2EBC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2EBC8; -webkit-box-shadow:4px 4px  
4px 4px #C2EBC8; box-shadow:4px 4px 4px  
4px #C2EBC8 }
```

Background

The CSS property to change the background color of an element to Hex C2EBC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2EBC8 }
```

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

```
.background{ background-color:#C2EBC8 }
```

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