

# Converting Colors

Hex(C1EBF3)

Have a look what the booklet for  
Hex(C1EBF3) contains.

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# **Color**

**Hex(C1EBF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1EBF3
RGB	193, 235, 243
RGB Percent	76%, 92%, 95%
CMY	0.2431, 0.0784, 0.0471
CMYK	0.21, 0.03, 0.00, 0.05
HSL	190°, 68%, 85%
HSV	190°, 21%, 95%
XYZ	67.8783, 77.2252, 96.1224
YIQ	223.3540, -27.6000, -6.4160

# Conversions

## Conversions Part 2

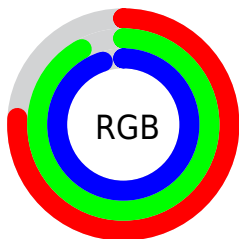
Format	Color
R <sub>Y</sub> B	193, 216, 243
Decimal	12708851
CIE Lab	90.43, -11.80, -8.37
CIE LCh	90, 14.470, 215.334
Yxy	77.2252, 0.2814, 0.3201
Android (android.graphics.Color)	4290898931 (0xFFC1EBF3)
YUV	223.3540, 9.6855, -26.6205
Hunter-Lab	87.8779, -15.9099, -3.3380

# Details

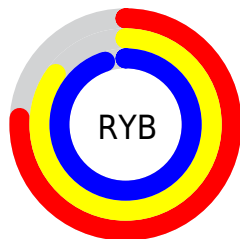
The Hex color **C1EBF3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F3C9C1**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FAFFFF**, and **8BB3BB** is the 20% darker color. If you saturate the color by 10%, you get **A9E7F3**, and if you desaturate by 10%, it is **D9EFF3**.

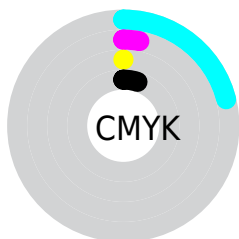
# Distribution



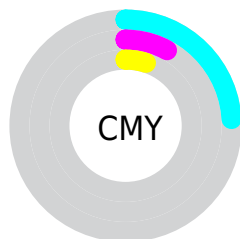
- Red (76%)
- Green (92%)
- Blue (95%)



- Red (76%)
- Yellow (85%)
- Blue (95%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (8%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1EBF3 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 C1EBF3 by changing the saturation by 10% instead.



 C1EBF3


FFFFFF

 FAFFFF

 C1EBF3

 A5CFD7

 8BB3BB

 7098A0

 577E86

 3E656C

 264D54

 0B373D

 002127

 000413

 C1EBF3

 C1EBF3

 A9E7F3

 D9EFF3

 90E3F3

 F2F3F3

 78DFF3

 FFF7F3

 60DBF3

 FFFBF3

 48D8F3

 FFFE3F3

 2FD4F3

 FFFF3F3

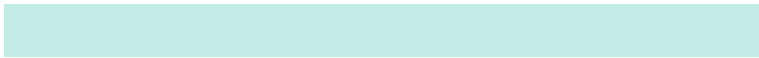
 17D0F3

 00CCF3

# Harmonies

## Analogous

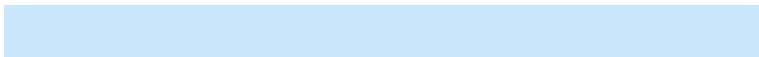
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C3ECE6



C1EBF3



C9E8FC

# Triad

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



C1EBF3



F8DCEF



ECE3C8

# Complementary

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



C1EBF3



F3C9C1

# 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.



F9DFCB



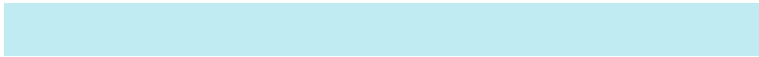
C1EBF3



FFDAE1

# Square

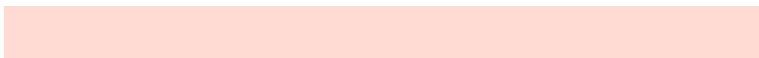
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



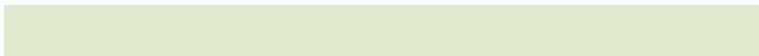
C1EBF3



E9DFFA



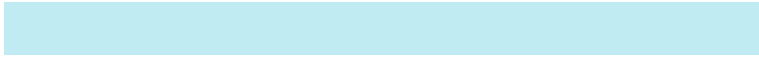
FFDBD4



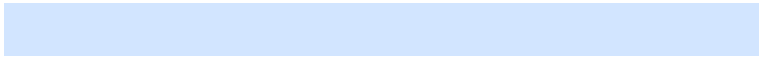
DDE8CD

# Rectangle

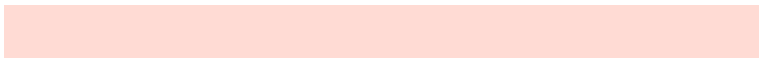
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C1EBF3



D2E5FF



FFDBD4



F1E2C8

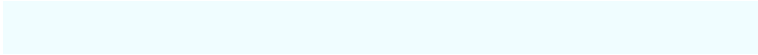


# Sweetspot

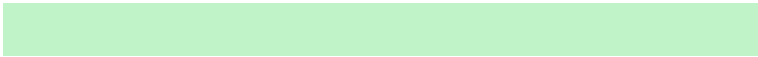
The Sweet Spot groups the original color and five complimentary colors.



C1EBF3



F0DFF



C1F3C8



777E80



000000



808080

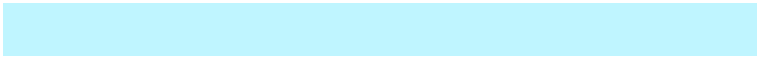


# Same Dimension

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



C1EBF3



BFF5FF



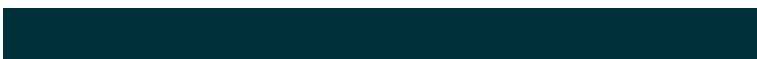
C1D3F3



6E787A



009CBA



00313B



# Inverse Universe

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



F3C1EB



FFBFF5



F3E1C1



7A6E78



BA009C

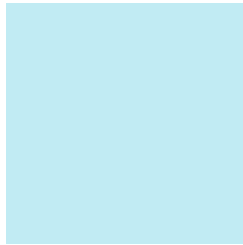


3B0031



# Previews

## White Background



This preview shows how the Hex color C1EBF3 looks on a white background.

## Color Contrast Check

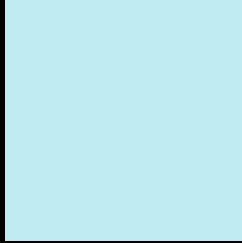
Large Text (above 18pt) WCAG AA × Fail

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 C1EBF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

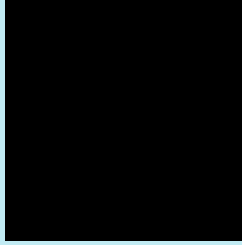
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1EBF3 Background



This preview shows how black text looks on a background with the Hex color C1EBF3.



This preview shows how white text looks on a background with the Hex color C1EBF3.

# Color Blindness Simulation

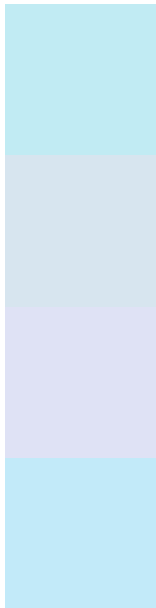
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



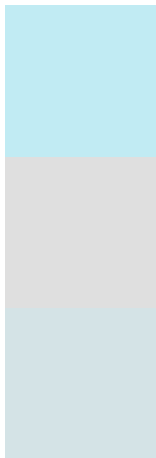
**Original Color**  
C1EBF3

**Protanomaly**  
D7E5EF

**Deuteranomaly**  
DFE2F5

**Tritanomaly**  
C2EAF9

# Monochromacy



**Original Color**  
C1EBF3

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
D4E3E6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1EBF3 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 #C1EBF3 looks like.

```
.text, #text, p{  
    color:#C1EBF3  
}
```

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 #C1EBF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1EBF3
}
```

## Border

The CSS property to change the border of an element to Hex C1EBF3 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
#C1EBF3 }
```

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

```
.border{ border-color:#C1EBF3 }
```

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

Here you see how a box with a 4 pixel `#C1EBF3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1EBF3; -webkit-box-shadow:4px 4px  
4px 4px #C1EBF3; box-shadow:4px 4px 4px  
4px #C1EBF3 }
```

# Background

The CSS property to change the background color of an element to Hex C1EBF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1EBF3 }
```

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

```
.background{ background-color:#C1EBF3 }
```

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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