

# Converting Colors

Hex(CBE3F1)

Have a look what the booklet for  
Hex(CBE3F1) contains.

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# **Color**

**Hex(CBE3F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBE3F1
RGB	203, 227, 241
RGB Percent	80%, 89%, 95%
CMY	0.2039, 0.1098, 0.0549
CMYK	0.16, 0.06, 0.00, 0.05
HSL	202°, 58%, 87%
HSV	202°, 16%, 95%
XYZ	67.9749, 73.9856, 93.9171
YIQ	221.4200, -18.7980, -0.7340

# Conversions

## Conversions Part 2

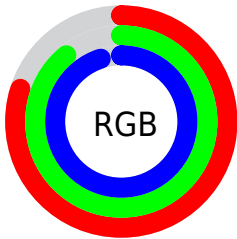
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 218, 241
Decimal	13362161
CIE <sub>Lab</sub>	88.92, -5.09, -9.49
CIE <sub>LCh</sub>	89, 10.769, 241.817
Yxy	73.9856, 0.2882, 0.3137
Android (android.graphics.Color)	4291552241 (0xFFCBE3F1)
YUV	221.4200, 9.6529, -16.1543
Hunter-Lab	86.0149, -9.4630, -4.5266

# Details

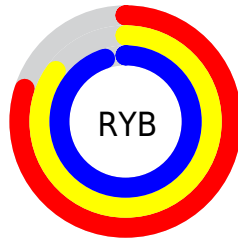
The Hex color **CBE3F1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F1D9CB**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **95ACB9** is the 20% darker color. If you saturate the color by 10%, you get **B3DAF1**, and if you desaturate by 10%, it is **E3ECF1**.

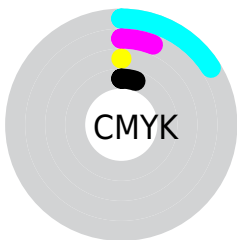
# Distribution



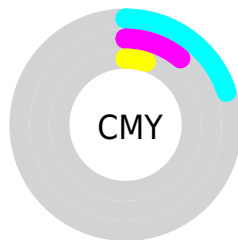
- Red (80%)
- Green (89%)
- Blue (95%)



- Red (80%)
- Yellow (85%)
- Blue (95%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (11%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBE3F1 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 CBE3F1 by changing the saturation by 10% instead.



 CBE3F1

FFFFFF

 CBE3F1

 AFC7D5

 95ACB9

 7A919E

 617784

 495F6B

 314753

 1B313B

 041C26

 000111

 CBE3F1

 CBE3F1

 B3DAF1

 E3ECF1

 9BD1F1

 FBF5F1

 83C8F1

 FFFE1F1

 6BBFF1

 FFFFF1

 52B7F1

 3AAEF1

 22A5F1

 0A9CF1

 0098F1

# Harmonies

## Analogous

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



C6E5EA



CBE3F1



D6E0F4

# Triad

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



CBE3F1



F4D8DF



DCE2CE

# Complementary

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



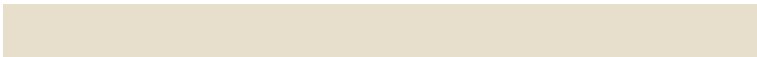
CBE3F1



F1D9CB

# 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.



E7DFCB



CBE3F1



F6D9D5

# Square

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



CBE3F1



EEDAE9



F1DBCE



D0E4D5

# Rectangle

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



CBE3F1



DEDEF2



F1DBCE



E0E1CC



# Sweetspot

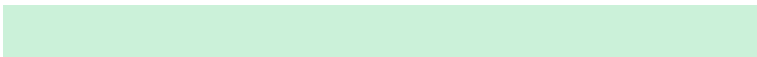
The Sweet Spot groups the original color and five complimentary colors.



CBE3F1



F2FAFF



CBF1D9



787D80



000000



808080

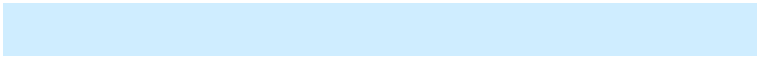


# Same Dimension

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



CBE3F1



CFEDFF



CBD0F1



6C7378



0074B8



002338



# Inverse Universe

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



F1CBE3



FFCFED



F1ECCB



786C73



B80074

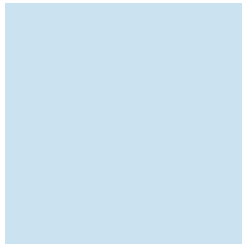


380023



# Previews

## White Background



This preview shows how the Hex color CBE3F1 looks on a white background.

## Color Contrast Check

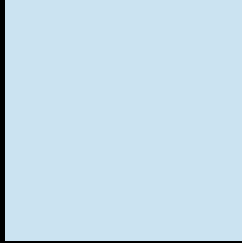
Large Text (above 18pt) WCAG AA × Fail

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 CBE3F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

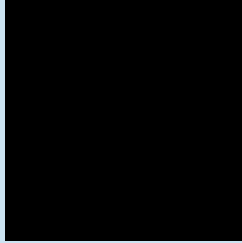
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

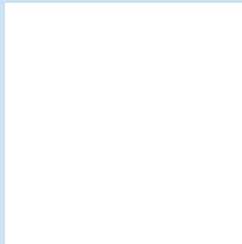
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBE3F1 Background



This preview shows how black text looks on a background with the Hex color CBE3F1.

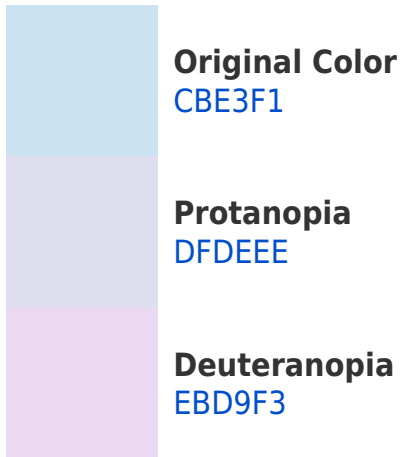


This preview shows how white text looks on a background with the Hex color CBE3F1.

# Color Blindness Simulation

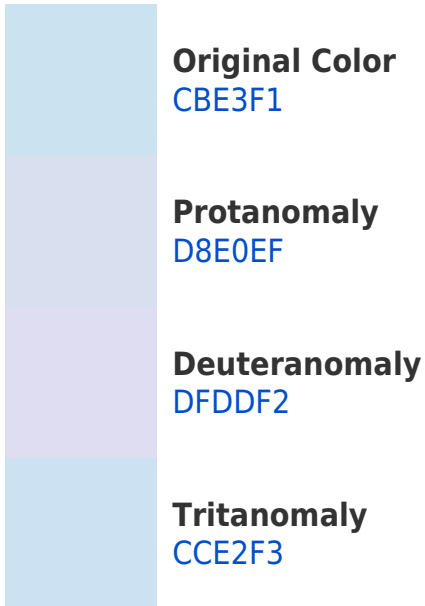
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

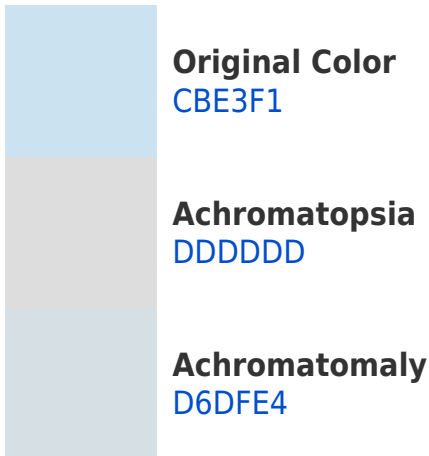




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBE3F1 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 #CBE3F1 looks like.

```
.text, #text, p{  
    color:#CBE3F1  
}
```

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 #CBE3F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE3F1  
}
```

## Border

The CSS property to change the border of an element to Hex CBE3F1 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  
#CBE3F1 }
```

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

```
.border{ border-color:#CBE3F1 }
```

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

Here you see how a box with a 4 pixel #CBE3F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE3F1; -webkit-box-shadow:4px 4px  
4px 4px #CBE3F1; box-shadow:4px 4px 4px  
4px #CBE3F1 }
```

# Background

The CSS property to change the background color of an element to Hex CBE3F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE3F1 }
```

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

```
.background{ background-color:#CBE3F1 }
```

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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