

Converting Colors

Hex(CBEFF3)

Have a look what the booklet for
Hex(CBEFF3) contains.

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Color

Hex(CBEFF3)

Conversions

Conversions Part 1

Format	Color
Hex	CBEFF3
RGB	203, 239, 243
RGB Percent	80%, 94%, 95%
CMY	0.2039, 0.0627, 0.0471
CMYK	0.16, 0.02, 0.00, 0.05
HSL	186°, 62%, 87%
HSV	186°, 16%, 95%
XYZ	71.6728, 80.9006, 96.6318
YIQ	228.6920, -22.7400, -6.3880

Conversions

Conversions Part 2

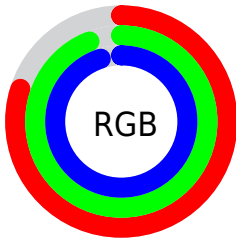
Format	Color
R _{YB}	203, 222, 243
Decimal	13365235
CIE Lab	92.09, -10.79, -5.84
CIE LCh	92, 12.271, 208.423
Yxy	80.9006, 0.2876, 0.3246
Android (android.graphics.Color)	4291555315 (0xFFCBEFF3)
YUV	228.6920, 7.0538, -22.5319
Hunter-Lab	89.9447, -15.1650, -0.7367

Details

The Hex color **CBEFF3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F3CFCB**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **94B7BB** is the 20% darker color. If you saturate the color by 10%, you get **B3EDF3**, and if you desaturate by 10%, it is **E3F1F3**.

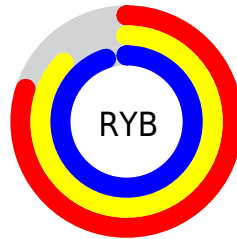
Distribution



Red (80%)

Green (94%)

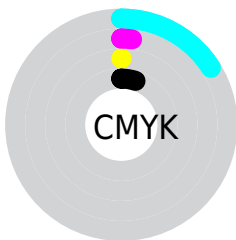
Blue (95%)



Red (80%)

Yellow (87%)

Blue (95%)

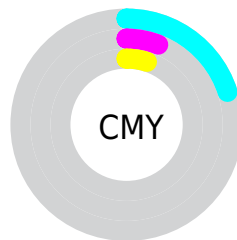


Cyan (16%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (20%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBEFF3 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 CBEFF3 by changing the saturation by 10% instead.

 CBEFF3

FFFFFF

 CBEFF3

 AFD3D7

 94B7BB

 7A9CA0

 618286

 48696D

 305154

 193A3D

 012427

 000F13

 CBEFF3

 CBEFF3

 B3EDF3

 E3F1F3

 9AEAF3


 FCF4F3

 82E8F3

 FFF6F3

 6AE5F3

 FFF9F3

 51E3F3

 FFFBF3

 39E0F3

 FFFE3F3

 21DEF3

 FFFF3F3

 09DCF3

 00DBF3

Harmonies

Analogous

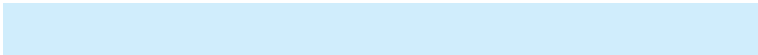
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CEEFE7



CBEFF3



DOEDFC

Triad

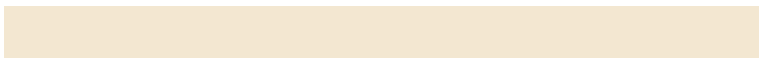
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBEFF3



F7E2F5



F3E7D1

Complementary

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



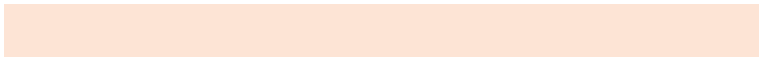
CBEFF3



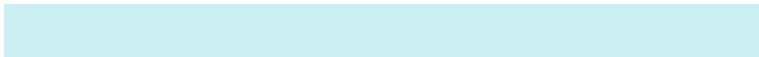
F3CF3B

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.



FDE4D5



CBEFF3



FFE0E9

Square

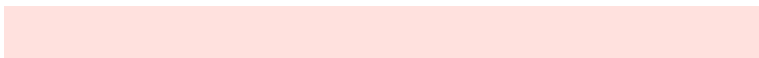
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CBEFF3



EAE6FD



FFE1DE



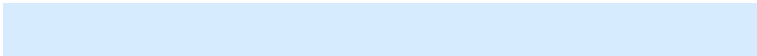
E6EBD3

Rectangle

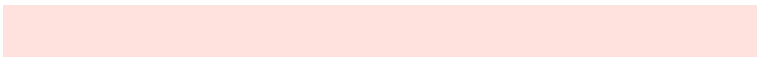
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



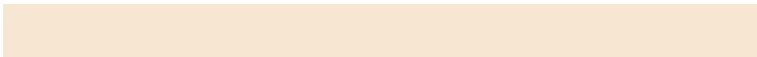
CBEFF3



D7EBFF



FFE1DE



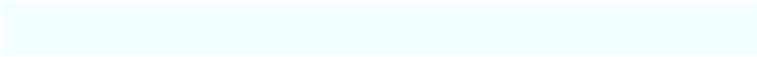
F7E6D1

Sweetspot

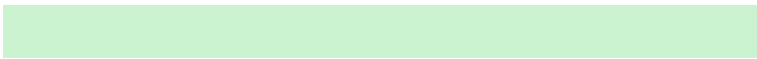
The Sweet Spot groups the original color and five complimentary colors.



CBEFF3



F2FEFF



CBF3CF



787F80



000000



808080

Same Dimension

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



CBEFF3



CCFAFF



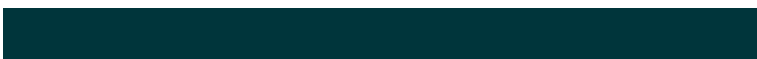
CBD CF3



6E797A



00A8BA



00353B

Inverse Universe

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



F3CBEF



FFCCFA



F3E3CB



7A6E79



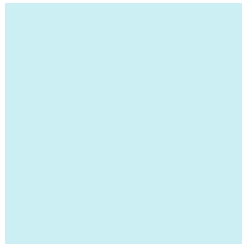
BA00A8



3B0035

Previews

White Background



This preview shows how the Hex color CBEFF3 looks on a white background.

Color Contrast Check

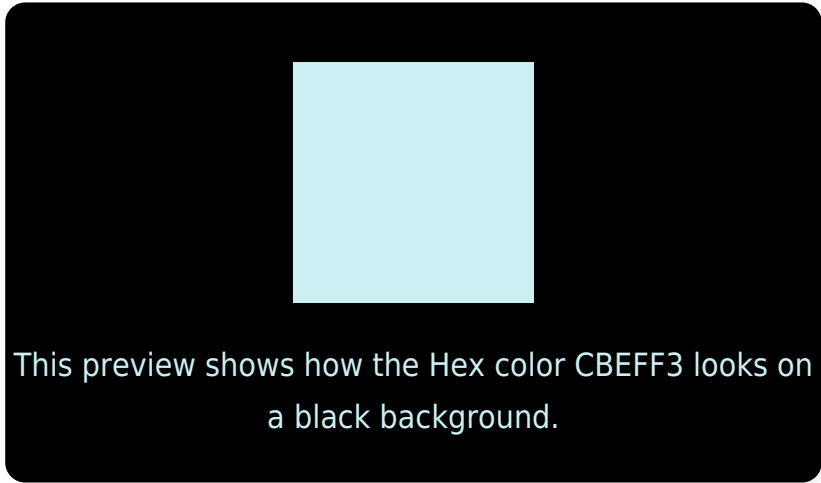
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

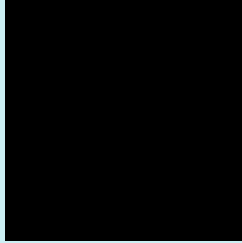
Any Text WCAG AA ✓ Pass

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 CBEFF3 Background



This preview shows how black text looks on a background with the Hex color CBEFF3.

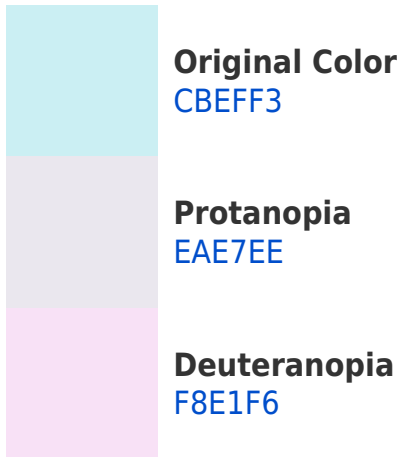


This preview shows how white text looks on a background with the Hex color CBEFF3.

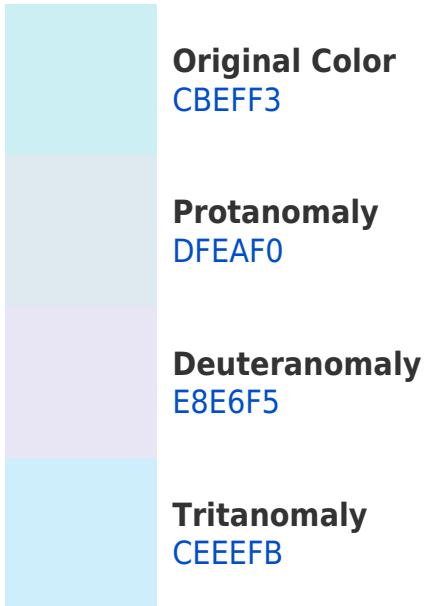
Color Blindness Simulation

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](#).

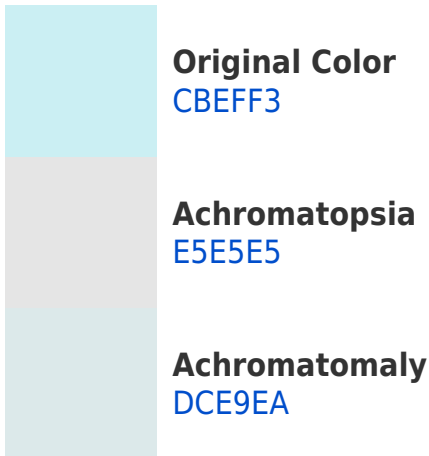
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBEFF3 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 #CBEFF3 looks like.

```
.text, #text, p{  
    color:#CBEFF3  
}
```

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 #CBEFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBEFF3
}
```

Border

The CSS property to change the border of an element to Hex CBEFF3 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
#CBEFF3 }
```

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

```
.border{ border-color:#CBEFF3 }
```

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

Here you see how a box with a 4 pixel #CBEFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBEFF3; -webkit-box-shadow:4px 4px  
4px 4px #CBEFF3; box-shadow:4px 4px 4px  
4px #CBEFF3 }
```

Background

The CSS property to change the background color of an element to Hex CBEFF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBEFF3 }
```

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

```
.background{ background-color:#CBEFF3 }
```

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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