

Converting Colors

Hex(CBE3DF)

Have a look what the booklet for
Hex(CBE3DF) contains.

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Color

Hex(CBE3DF)

Conversions

Conversions Part 1

Format	Color
Hex	CBE3DF
RGB	203, 227, 223
RGB Percent	80%, 89%, 87%
CMY	0.2039, 0.1098, 0.1255
CMYK	0.11, 0.00, 0.02, 0.11
HSL	170°, 30%, 84%
HSV	170°, 11%, 89%
XYZ	65.4170, 72.9624, 80.4473
YIQ	219.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

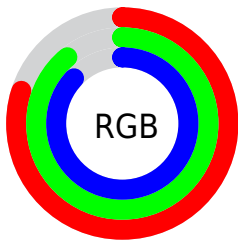
Format	Color
R _Y B	203, 216, 227
Decimal	13362143
CIE Lab	88.43, -8.67, -0.76
CIE LCh	88, 8.705, 184.976
Yxy	72.9624, 0.2989, 0.3334
Android (android.graphics.Color)	4291552223 (0xFFCBE3DF)
YUV	219.3680, 1.7906, -14.3547
Hunter-Lab	85.4180, -12.7782, 3.9528

Details

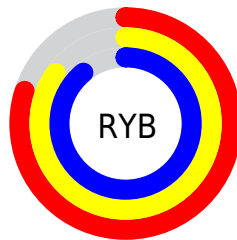
The Hex color **CBE3DF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3CBCF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **95ACA8** is the 20% darker color. If you saturate the color by 10%, you get **B4E3DB**, and if you desaturate by 10%, it is **E2E3E3**.

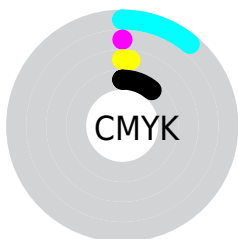
Distribution



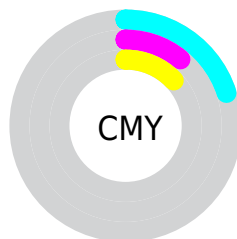
- Red (80%)
- Green (89%)
- Blue (87%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBE3DF 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 CBE3DF by changing the saturation by 10% instead.

 CBE3DF

FFFFFF

 CBE3DF

 AFC7C3

 95ACA8

 7B918D

 627774

 4A5F5B

 334744

 1D312E

 071C19

 000000

 CBE3DF

 CBE3DF

 B4E3DB

 E2E3E3

 9EE3D7

 F8E3E7

 87E3D4

 FFE3EA

 70E3D0

 FFE3EE

 59E3CC

 FFE3F2

 43E3C8

 FFE3F6

 2CE3C5

 FFE3F9

 15E3C1

 FFE3FD

 00E3BD

 FFE3FF

Harmonies

Analogous

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



D1E2D7



CBE3DF



CAE2E7

Triad

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



CBE3DF



E1DBEB



ECDBC9

Complementary

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



CBE3DF



E3CBFC

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.



F0D9D5



CBE3DF



EAD9E5

Square

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



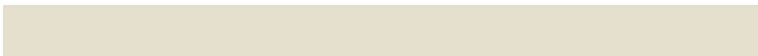
CBE3DF



D7DEEE



EFD8DD



E4DECD

Rectangle

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



CBE3DF



CCE1EB



EFD8DD



EDDAD1

Sweetspot

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



CBE3DF



F7FFFE



CFE3CB



7A807F



000000



808080

Same Dimension

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



CBE3DF



DEFFF9



CBDBE3



677371



00B395



00332B

Inverse Universe

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



E3CBCF



FFDEE3



E3D3CB



736769



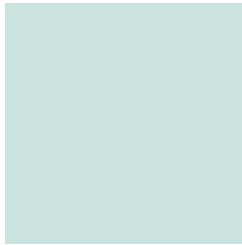
B3001E



330009

Previews

White Background



This preview shows how the Hex color CBE3DF looks on a white background.

Color Contrast Check

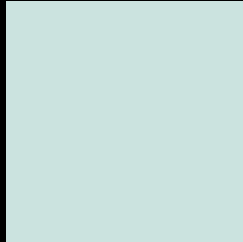
Large Text (above 18pt) WCAG AA × Fail

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 CBE3DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

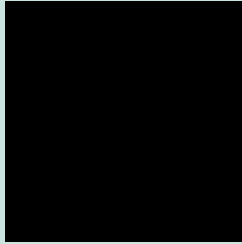
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

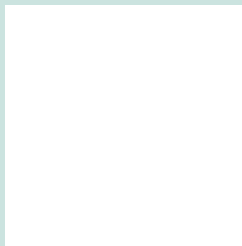
Any Text WCAG AAA ✓ Pass

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

Hex CBE3DF Background



This preview shows how black text looks on a background with the Hex color CBE3DF.

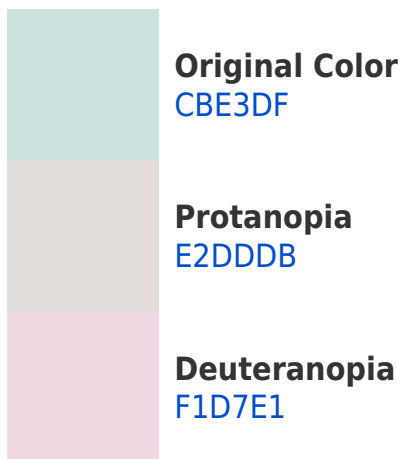


This preview shows how white text looks on a background with the Hex color CBE3DF.

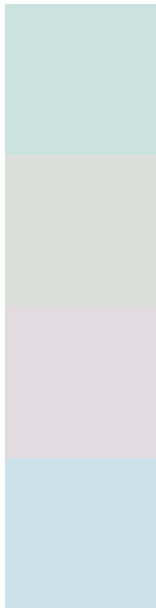
Color Blindness Simulation

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



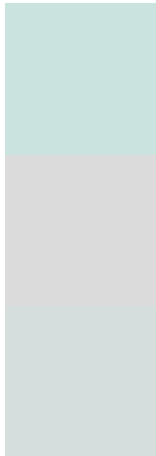
Original Color
CBE3DF

Protanomaly
DADFDC

Deuteranomaly
E3DBE0

Tritanomaly
CDE1EB

Monochromacy



Original Color
CBE3DF

Achromatopsia
DBDBDB

Achromatomaly
D5DEDC

CSS Examples

Text

The CSS property to change the color of the text to Hex CBE3DF 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 #CBE3DF looks like.

```
.text, #text, p{  
    color:#CBE3DF  
}
```

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 #CBE3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE3DF
}
```

Border

The CSS property to change the border of an element to Hex CBE3DF 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
#CBE3DF }
```

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

```
.border{ border-color:#CBE3DF }
```

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

Here you see how a box with a 4 pixel #CBE3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE3DF; -webkit-box-shadow:4px 4px  
4px 4px #CBE3DF; box-shadow:4px 4px 4px  
4px #CBE3DF }
```

Background

The CSS property to change the background color of an element to Hex CBE3DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE3DF }
```

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

```
.background{ background-color:#CBE3DF }
```

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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