

Converting Colors

Hex(C1E0DF)

Have a look what the booklet for
Hex(C1E0DF) contains.

Hex(C1E0DF)	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(C1E0DF)

Conversions

Conversions Part 1

Format	Color
Hex	C1E0DF
RGB	193, 224, 223
RGB Percent	76%, 88%, 87%
CMY	0.2431, 0.1216, 0.1255
CMYK	0.14, 0.00, 0.00, 0.12
HSL	178°, 33%, 82%
HSV	178°, 14%, 88%
XYZ	61.9673, 69.9765, 80.0528
YIQ	214.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

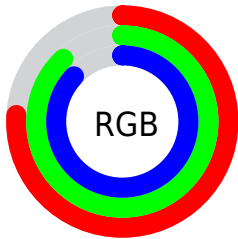
Format	Color
RYB	193, 209, 224
Decimal	12706015
CIELab	86.99, -10.35, -2.95
CIELCh	87, 10.759, 195.911
Yxy	69.9765, 0.2923, 0.3301
Android (android.graphics.Color)	4290896095 (0xFFC1E0DF)
YUV	214.6170, 4.1328, -18.9581
Hunter-Lab	83.6519, -14.1626, 1.8173

Details

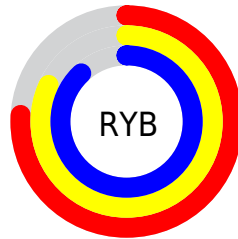
The Hex color **C1E0DF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0C1C2**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FAFFFF**, and **8BA9A8** is the 20% darker color. If you saturate the color by 10%, you get **ABE0DE**, and if you desaturate by 10%, it is **D7E0E0**.

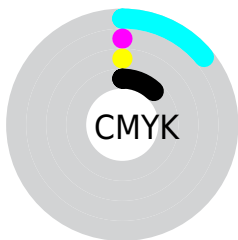
Distribution



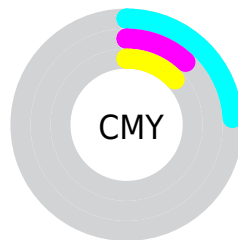
- Red (76%)
- Green (88%)
- Blue (87%)



- Red (76%)
- Yellow (82%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E0DF 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 C1E0DF by changing the saturation by 10% instead.

 C1E0DF

 C1E0DF

FFFFFF

 A6C4C3

 FAFFFF

 8BA9A8

 718E8D

 587574

 405C5B

 294444

 132E2E

 001A19

 000000

 C1E0DF

 C1E0DF

 ABE0DE

 D7E0E0

 94E0DE

 EEE0E0

 7EE0DD

 FFE0E1

 67E0DC

 FFE0E2

 51E0DB

 FFE0E3

 3BE0DB

 FFE0E4

 24E0DA

 FFE0E5

 0EE0D9

 FFE0E6

 00E0D9

Harmonies

Analogous

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



C6E0D5



C1E0DF



C2DFE8

Triad

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



C1E0DF



E2D6E8



E7D7C6

Complementary

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



C1E0DF



E0C1C2

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.



EED5CC



C1E0DF



ECD3DF

Square

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



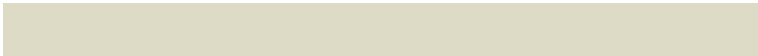
C1E0DF



D6D9ED



F0D3D5



DDDBC6

Rectangle

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



C1E0DF



C7DDEC



F0D3D5



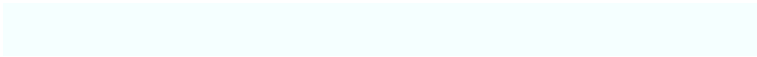
EAD6C8

Sweetspot

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



C1E0DF



F5FFFF



C2E0C1



79807F



000000



808080

Same Dimension

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



C1E0DF



D4FFFE



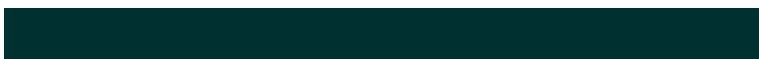
C1D2E0



657070



00B0AA



00302F

Inverse Universe

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



E0C1C2



FFD4D5



E0CFC1



706565



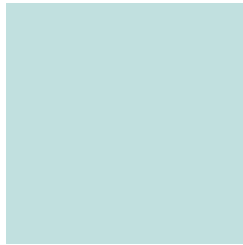
B00006



300002

Previews

White Background



This preview shows how the Hex color C1E0DF looks on a white background.

Color Contrast Check

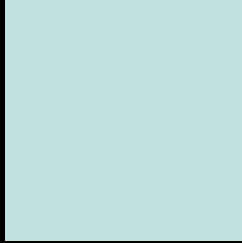
Large Text (above 18pt) WCAG AA × Fail

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 C1E0DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

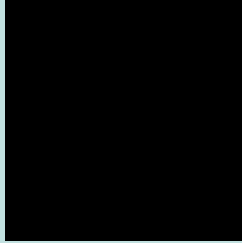
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

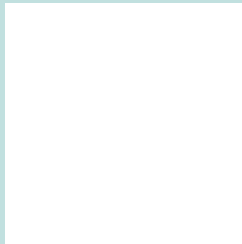
Any Text WCAG AAA ✓ Pass

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

Hex C1E0DF Background



This preview shows how black text looks on a background with the Hex color C1E0DF.

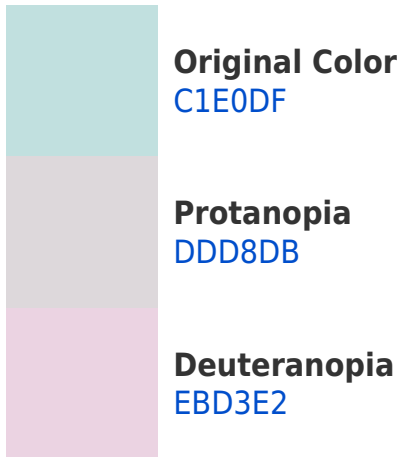


This preview shows how white text looks on a background with the Hex color C1E0DF.

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](#).

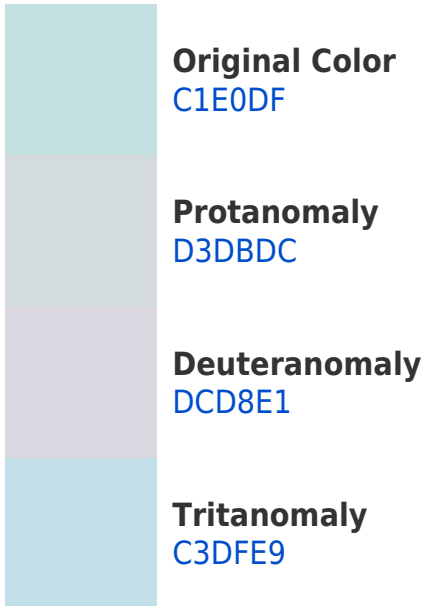
Dichromacy



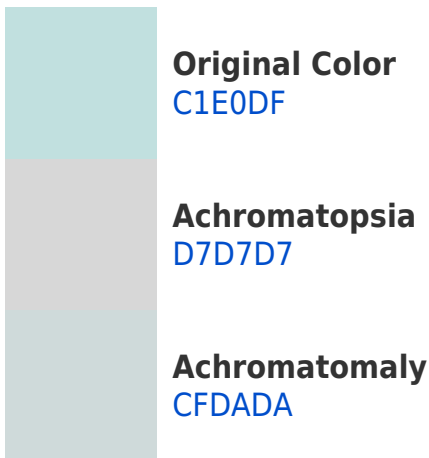


Tritanopia
C4DEEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1E0DF 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 #C1E0DF looks like.

```
.text, #text, p{  
    color:#C1E0DF  
}
```

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 #C1E0DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E0DF
}
```

Border

The CSS property to change the border of an element to Hex C1E0DF 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
#C1E0DF }
```

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

```
.border{ border-color:#C1E0DF }
```

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

Here you see how a box with a 4 pixel #C1E0DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E0DF; -webkit-box-shadow:4px 4px  
4px 4px #C1E0DF; box-shadow:4px 4px 4px  
4px #C1E0DF }
```

Background

The CSS property to change the background color of an element to Hex C1E0DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E0DF }
```

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

```
.background{ background-color:#C1E0DF }
```

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