

Converting Colors

Hex(CAE9E0)

Have a look what the booklet for
Hex(CAE9E0) contains.

Hex(CAE9E0)	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(CAE9E0)

Conversions

Conversions Part 1

Format	Color
Hex	CAE9E0
RGB	202, 233, 224
RGB Percent	79%, 91%, 88%
CMY	0.2078, 0.0863, 0.1216
CMYK	0.13, 0.00, 0.04, 0.09
HSL	163°, 41%, 85%
HSV	163°, 13%, 91%
XYZ	66.9506, 76.2162, 81.7035
YIQ	222.7050, -15.5870, -9.3710

Conversions

Conversions Part 2

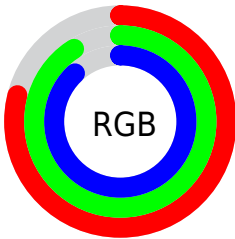
Format	Color
R _Y B	202, 220, 233
Decimal	13298144
CIE Lab	89.96, -11.84, 0.95
CIE LCh	90, 11.881, 175.432
Yxy	76.2162, 0.2977, 0.3389
Android (android.graphics.Color)	4291488224 (0xFFCAE9E0)
YUV	222.7050, 0.6384, -18.1583
Hunter-Lab	87.3019, -15.8892, 5.6234

Details

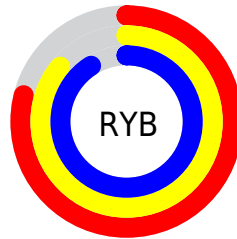
The Hex color **CAE9E0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E9CAD3**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **94B1A9** is the 20% darker color. If you saturate the color by 10%, you get **B3E9D9**, and if you desaturate by 10%, it is **E1E9E7**.

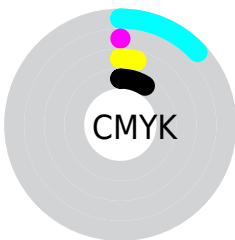
Distribution



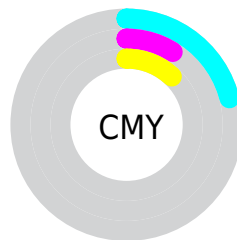
- Red (79%)
- Green (91%)
- Blue (88%)



- Red (79%)
- Yellow (86%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAE9E0 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 CAE9E0 by changing the saturation by 10% instead.

■ CAE9E0

FFFFFF

■ CAE9E0

■ AECD4

■ 94B1A9

■ 7A978E

■ 617D75

■ 48645C

■ 314C45

■ 1B352F

■ 05201A

■ 000000

 CAE9E0

 CAE9E0

 B3E9D9

 E1E9E7

 9BE9D2

 F9E9EE

 84E9CC

 FFE9F4

 6DE9C5

 FFE9FB

 56E9BE

 FFE9FF

 3EE9B7

 27E9B1

 10E9AA

 00E9A5

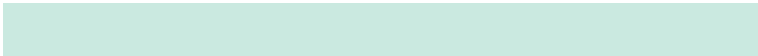
Harmonies

Analogous

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



D4E7D5



CAE9E0



C6E9EC

Triad

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



CAE9E0



E3E0F7



F7DDD0

Complementary

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



CAE9E0



E9CAD3

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.



FBDBD9



CAE9E0



F0DDEF

Square

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



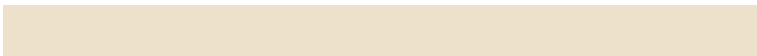
CAE9E0



D4E4F9



F9DBE4



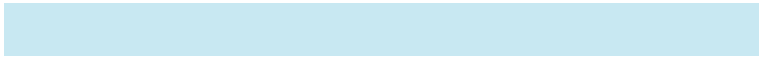
EEE1CC

Rectangle

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



CAE9E0



C8E8F2



F9DBE4



F9DCD2

Sweetspot

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



CAE9E0



F5FFFC



D3E9CA



79807E



000000



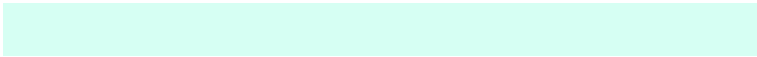
808080

Same Dimension

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



CAE9E0



D6FFF3



CAE3E9



6A7572



00B580



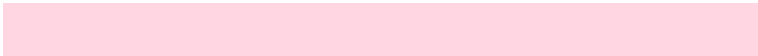
003626

Inverse Universe

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



E9CAD3



FFD6E2



E9D0CA



756A6D



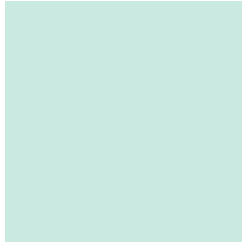
B50035



360010

Previews

White Background



This preview shows how the Hex color CAE9E0 looks on a white background.

Color Contrast Check

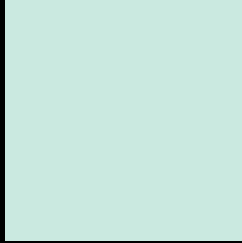
Large Text (above 18pt) WCAG AA × Fail

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 CAE9E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

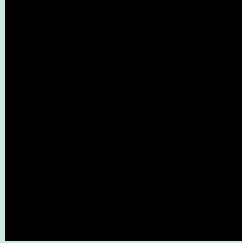
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

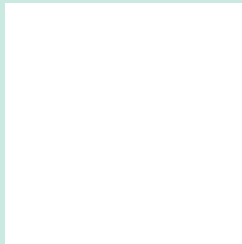
Any Text WCAG AAA ✓ Pass

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

Hex CAE9E0 Background



This preview shows how black text looks on a background with the Hex color CAE9E0.

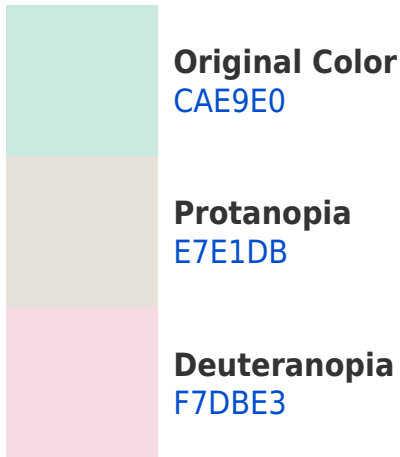


This preview shows how white text looks on a background with the Hex color CAE9E0.

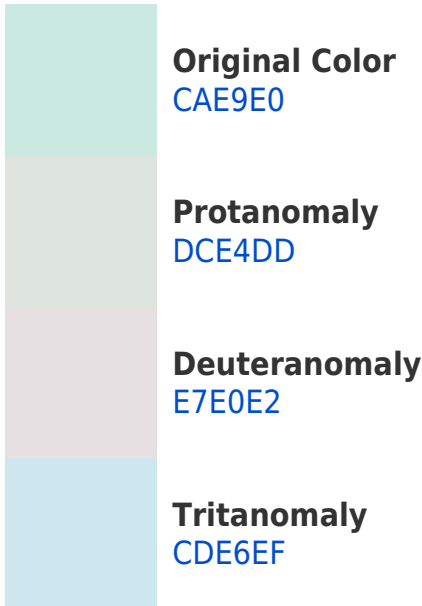
Color Blindness Simulation

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](#).

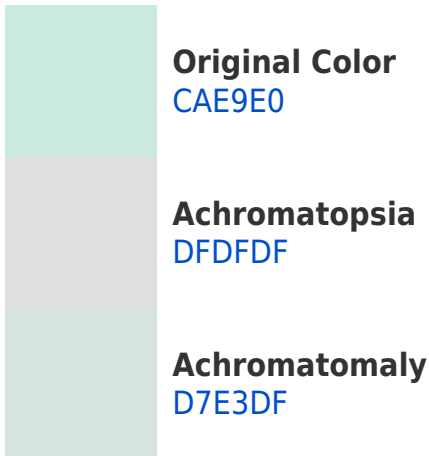
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAE9E0 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 #CAE9E0 looks like.

```
.text, #text, p{  
    color:#CAE9E0  
}
```

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 #CAE9E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE9E0
}
```

Border

The CSS property to change the border of an element to Hex CAE9E0 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
#CAE9E0 }
```

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

```
.border{ border-color:#CAE9E0 }
```

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

Here you see how a box with a 4 pixel #CAE9E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE9E0; -webkit-box-shadow:4px 4px  
4px 4px #CAE9E0; box-shadow:4px 4px 4px  
4px #CAE9E0 }
```

Background

The CSS property to change the background color of an element to Hex CAE9E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE9E0 }
```

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

```
.background{ background-color:#CAE9E0 }
```

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