

Converting Colors

Hex(CAE7EC)

Have a look what the booklet for
Hex(CAE7EC) contains.

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Color

Hex(CAE7EC)

Conversions

Conversions Part 1

Format	Color
Hex	CAE7EC
RGB	202, 231, 236
RGB Percent	79%, 91%, 93%
CMY	0.2078, 0.0941, 0.0745
CMYK	0.14, 0.02, 0.00, 0.07
HSL	189°, 47%, 86%
HSV	189°, 14%, 93%
XYZ	68.0734, 75.7645, 90.3930
YIQ	222.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

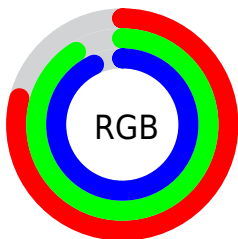
Format	Color
RYB	202, 218, 236
Decimal	13297644
CIELab	89.75, -8.47, -5.64
CIElCh	90, 10.174, 213.682
Yxy	75.7645, 0.2906, 0.3235
Android (android.graphics.Color)	4291487724 (0xFFCAE7EC)
YUV	222.8990, 6.4588, -18.3284
Hunter-Lab	87.0428, -12.7259, -0.6421

Details

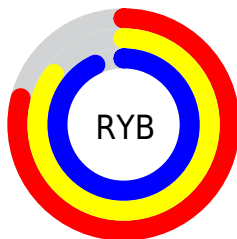
The Hex color **CAE7EC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **ECCFCA**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **94AFB4** is the 20% darker color. If you saturate the color by 10%, you get **B2E4EC**, and if you desaturate by 10%, it is **E2EAEC**.

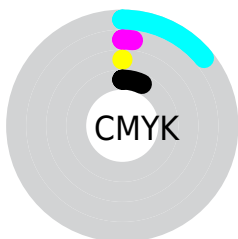
Distribution



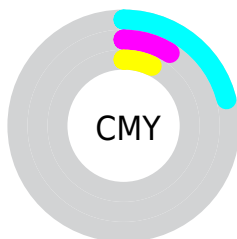
- Red (79%)
- Green (91%)
- Blue (93%)



- Red (79%)
- Yellow (85%)
- Blue (93%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAE7EC 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 CAE7EC by changing the saturation by 10% instead.

■ CAE7EC

FFFFFF

■ CAE7EC

■ AECBD0

■ 94AFB4

■ 7A9599

■ 607B80

■ 486266

■ 314A4F

■ 1A3438

■ 041E22

■ 00000D

CAE7EC

CAE7EC

B2E4EC

E2EAEC

9BE0EC

F9EEEC

83DDEC

FFF1EC

6CD9EC

FFF5EC

54D6EC

FFF8EC

3CD2EC

FFFCEC

25CFEC

FFFFEC

0DCBEC

00C9EC

Harmonies

Analogous

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



CCE8E2



CAE7EC



CFE5F3

Triad

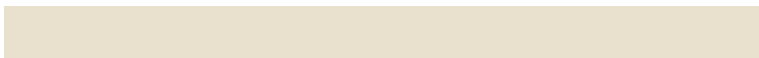
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAE7EC



F0DCEA



E9E1CE

Complementary

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



CAE7EC



ECCFCA

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.



F2DED1



CAE7EC



F6DBE1

Square

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



CAE7EC



E5DFF2



F7DCD7



DDE4D1

Rectangle

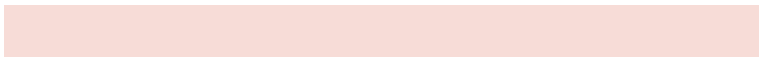
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



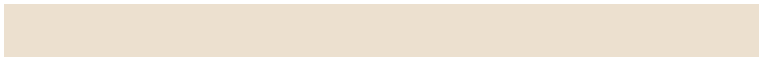
CAE7EC



D5E3F5



F7DCD7



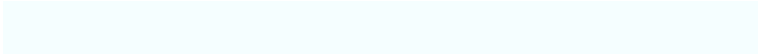
ECE0CF

Sweetspot

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



CAE7EC



F5FEFF



CAECCF



797F80



000000



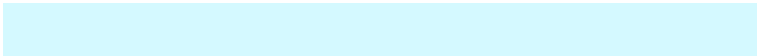
808080

Same Dimension

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



CAE7EC



D4F9FF



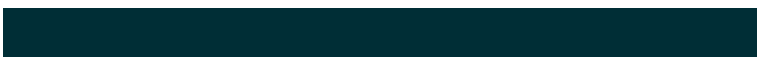
CAD6EC



6A7475



009AB5



002E36

Inverse Universe

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



ECCA E7



FFD4 F9



ECE0 CA



756A 74



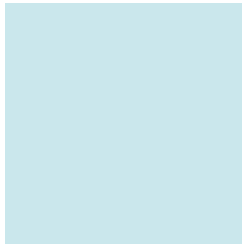
B500 9A



3600 2E

Previews

White Background



This preview shows how the Hex color CAE7EC looks on a white background.

Color Contrast Check

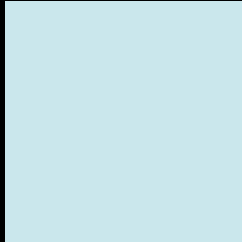
Large Text (above 18pt) WCAG AA × Fail

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 CAE7EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

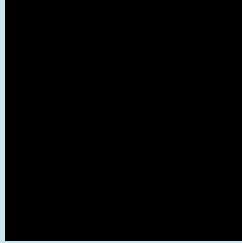
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

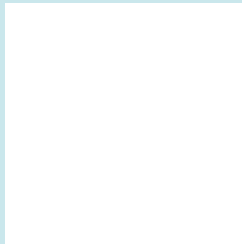
Any Text WCAG AAA ✓ Pass

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

Hex CAE7EC Background



This preview shows how black text looks on a background with the Hex color CAE7EC.

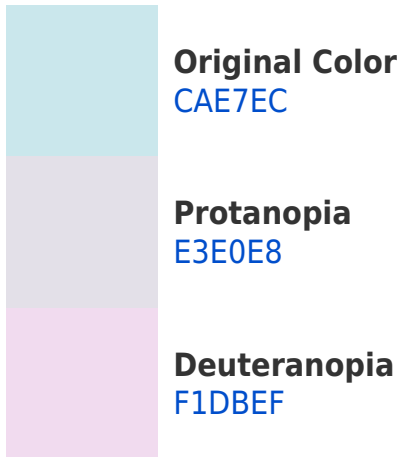


This preview shows how white text looks on a background with the Hex color CAE7EC.

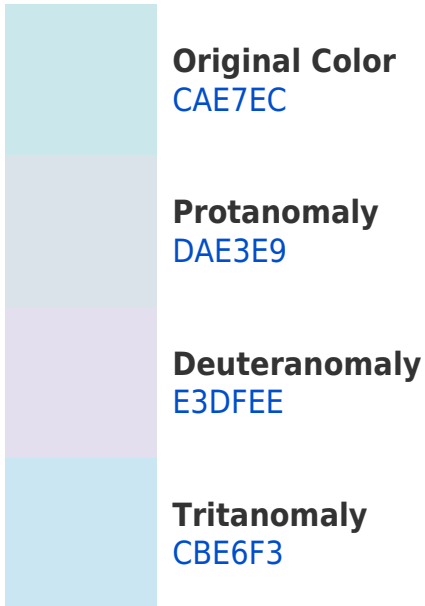
Color Blindness Simulation

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](#).

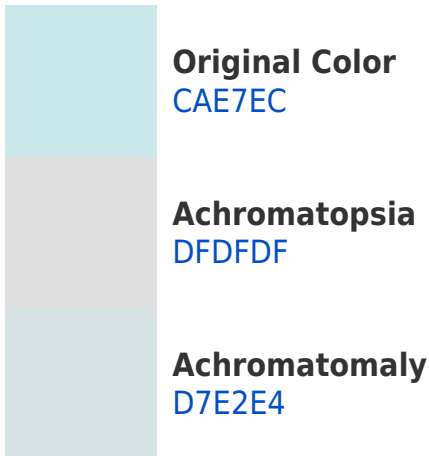
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAE7EC 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 #CAE7EC looks like.

```
.text, #text, p{  
    color:#CAE7EC  
}
```

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 #CAE7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE7EC }  
}
```

Border

The CSS property to change the border of an element to Hex CAE7EC 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 #CAE7EC }  
}
```

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

```
.border{ border-color:#CAE7EC }
```

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

Here you see how a box with a 4 pixel #CAE7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE7EC; -webkit-box-shadow:4px 4px  
4px 4px #CAE7EC; box-shadow:4px 4px 4px  
4px #CAE7EC }
```

Background

The CSS property to change the background color of an element to Hex CAE7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE7EC }
```

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

```
.background{ background-color:#CAE7EC }
```

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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