

Converting Colors

Hex(CDE8EC)

Have a look what the booklet for
Hex(CDE8EC) contains.

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Color

Hex(CDE8EC)

Conversions

Conversions Part 1

Format	Color
Hex	CDE8EC
RGB	205, 232, 236
RGB Percent	80%, 91%, 93%
CMY	0.1961, 0.0902, 0.0745
CMYK	0.13, 0.02, 0.00, 0.07
HSL	188°, 45%, 86%
HSV	188°, 13%, 93%
XYZ	69.1738, 76.7485, 90.5250
YIQ	224.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

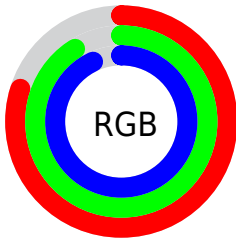
Format	Color
R_{YB}	205, 219, 236
Decimal	13494508
CIE _{Lab}	90.21, -8.03, -4.95
CIE _{LCh}	90, 9.435, 211.630
Yxy	76.7485, 0.2926, 0.3246
Android (android.graphics.Color)	4291684588 (0xFFCDE8EC)
YUV	224.3830, 5.7272, -16.9989
Hunter-Lab	87.6062, -12.3675, 0.0590

Details

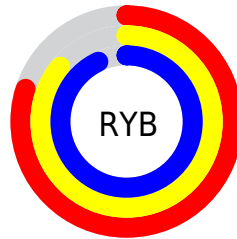
The Hex color **CDE8EC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **ECD1CD**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **96B0B4** is the 20% darker color. If you saturate the color by 10%, you get **B5E5EC**, and if you desaturate by 10%, it is **E5EBEC**.

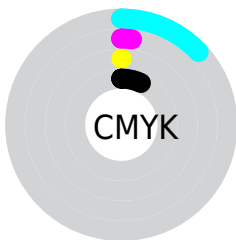
Distribution



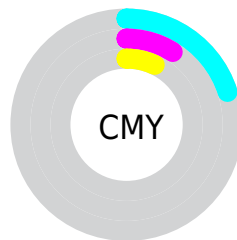
- Red (80%)
- Green (91%)
- Blue (93%)



- Red (80%)
- Yellow (86%)
- Blue (93%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE8EC 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 CDE8EC by changing the saturation by 10% instead.

 CDE8EC

FFFFFF

 CDE8EC

 B1CCD0

 96B0B4

 7C9699

 637C80

 4B6367

 344B4F

 1D3438

 071F22

 00020D

 CDE8EC

 CDE8EC

 B5E5EC

 E5EBEC

 9EE2EC

 FCEEEC

 86DFEC

 FFF1EC

 6FDCEC

 FFF4EC

 57D9EC

 FFF7EC

 3FD6EC

 FFFAEC

 28D3EC

 FFFDEC

 10D0EC

 FFFFEC

 00CEEC

Harmonies

Analogous

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



CFE8E3



CDE8EC



D1E6F2

Triad

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



CDE8EC



EFDEEC



EAE2D1

Complementary

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



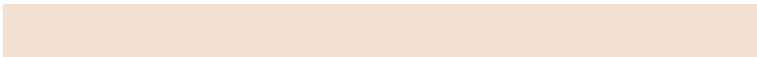
CDE8EC



ECD1CD

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.



F2E0D3



CDE8EC



F6DDE3

Square

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



CDE8EC



E6E0F2



F7DEDA



E0E5D3

Rectangle

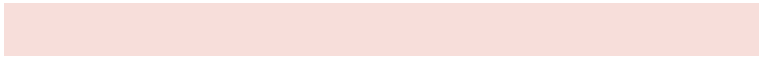
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



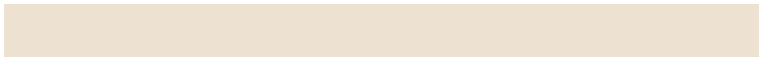
CDE8EC



D7E4F5



F7DEDA



EDE1D1

Sweetspot

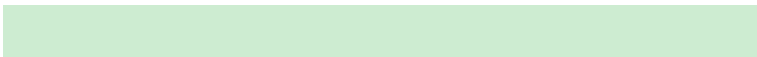
The Sweet Spot groups the original color and five complimentary colors.



CDE8EC



F5FEFF



CDECD1



797F80



000000



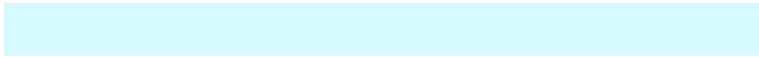
808080

Same Dimension

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



CDE8EC



D6FAFF



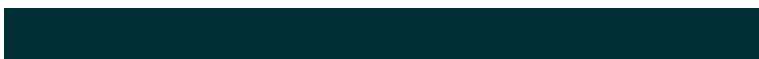
CDD9EC



6A7475



009EB5



002F36

Inverse Universe

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



ECCDE8



FFD6FA



ECE0CD



756A74



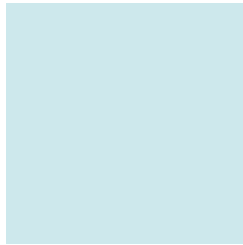
B5009E



36002F

Previews

White Background



This preview shows how the Hex color CDE8EC looks on a white background.

Color Contrast Check

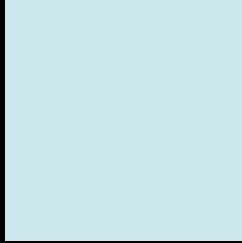
Large Text (above 18pt) WCAG AA × Fail

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 CDE8EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

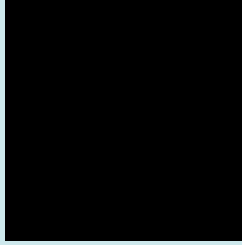
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

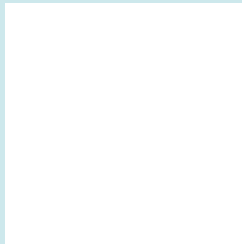
Any Text WCAG AAA ✓ Pass

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

Hex CDE8EC Background



This preview shows how black text looks on a background with the Hex color CDE8EC.

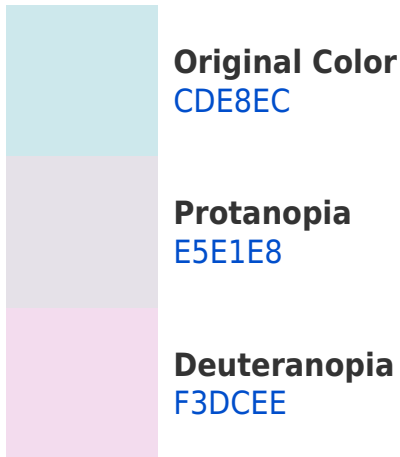


This preview shows how white text looks on a background with the Hex color CDE8EC.

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](#).

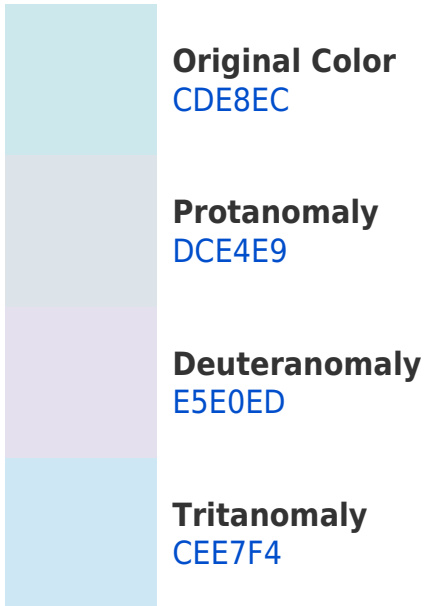
Dichromacy





Tritanopia
CFE6F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE8EC 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 #CDE8EC looks like.

```
.text, #text, p{  
    color:#CDE8EC  
}
```

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 #CDE8EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE8EC
}
```

Border

The CSS property to change the border of an element to Hex CDE8EC 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
#CDE8EC }
```

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

```
.border{ border-color:#CDE8EC }
```

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

Here you see how a box with a 4 pixel #CDE8EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE8EC; -webkit-box-shadow:4px 4px  
4px 4px #CDE8EC; box-shadow:4px 4px 4px  
4px #CDE8EC }
```

Background

The CSS property to change the background color of an element to Hex CDE8EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE8EC }
```

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

```
.background{ background-color:#CDE8EC }
```

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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