

Converting Colors

Hex(CDECCC)

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

Hex(CDECCC)	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(CDECCE)

Conversions

Conversions Part 1

Format	Color
Hex	CDECCC
RGB	205, 236, 204
RGB Percent	80%, 93%, 80%
CMY	0.1961, 0.0745, 0.2000
CMYK	0.13, 0.00, 0.14, 0.07
HSL	118°, 46%, 86%
HSV	118°, 14%, 93%
XYZ	66.0714, 77.3297, 68.5705
YIQ	223.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

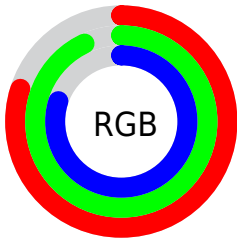
Format	Color
R_{YB}	204, 236, 235
Decimal	13495500
CIE _{Lab}	90.47, -16.01, 12.14
CIE _{LCh}	90, 20.097, 142.825
Yxy	77.3297, 0.3117, 0.3648
Android (android.graphics.Color)	4291685580 (0xFFCDECCC)
YUV	223.0830, -9.4079, -15.8588
Hunter-Lab	87.9373, -19.7749, 15.3238

Details

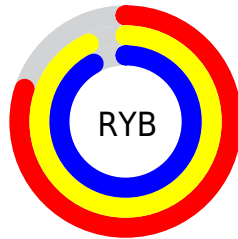
The Hex color **CDECCC** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EBCCEC**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **97B496** is the 20% darker color. If you saturate the color by 10%, you get **B6ECB4**, and if you desaturate by 10%, it is **E4ECE4**.

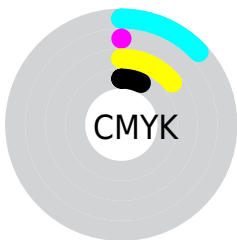
Distribution



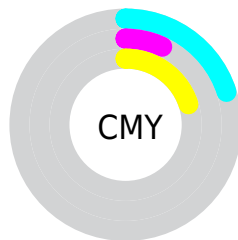
- Red (80%)
- Green (93%)
- Blue (80%)



- Red (80%)
- Yellow (93%)
- Blue (92%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



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

Brightness & Saturation Gradients

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

 CDECCC

FFFFFF

 CDECCC

 B1D0B1

 97B496

 7C997C

 637F63

 4B664B

 344E34

 1E371F

 092108

 000300

 CDECCC

 CDECCC

 B6ECB4

 E4ECE4

 9FEC9D

 FBECFB

 88EC85

 FFECFF

 72EC6E

 5BEC56

 44EC3E

 2DEC27

 16EC0F

 07EC00

Harmonies

Analogous

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



E3E7C0



CDECCC



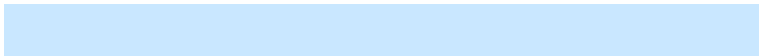
BAEFDE

Triad

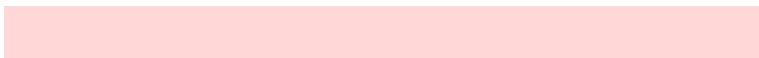
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDECCC



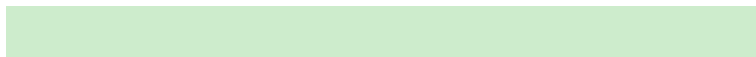
C9E7FF



FFD7D6

Complementary

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



CDECCC



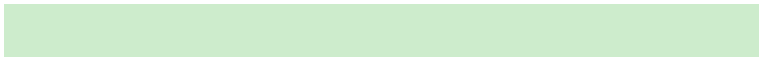
EBCCEC

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.



FFD7E9



CDECCC



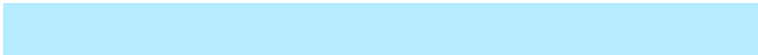
E1E0FF

Square

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



CDECCC



B6ECFF



F8DAFB



FFDBC6

Rectangle

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



CDECCC



B3EFEB



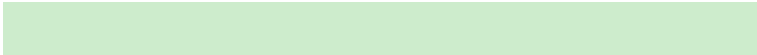
F8DAFB



FFD6DC

Sweetspot

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



CDECCC



F5FFF5



ECEBCC



798079



000000



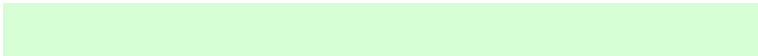
808080

Same Dimension

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



CDECCC



D7FFD6



CCECDB



6A756A



06B500



023600

Inverse Universe

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



EBCCEC



FED6FF



ECCCDD



756A75



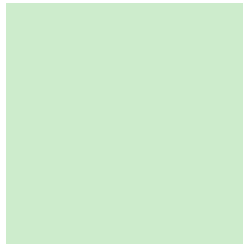
AF00B5



340036

Previews

White Background



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

Color Contrast Check

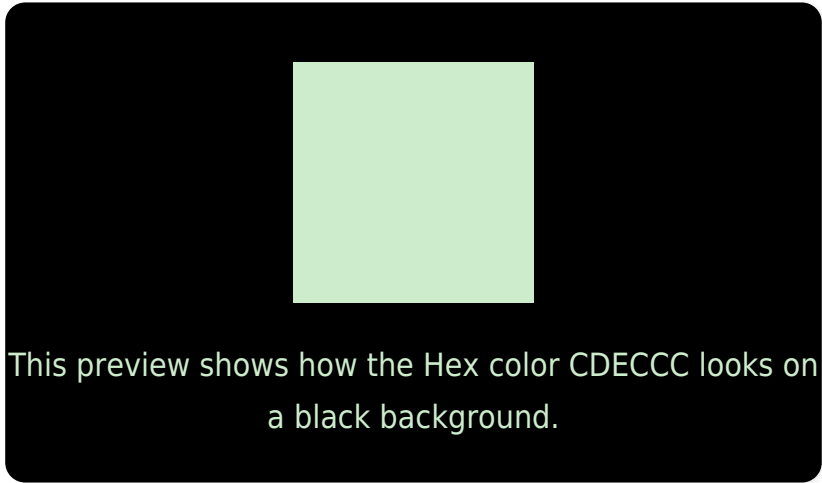
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

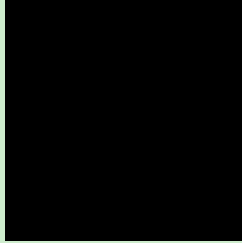
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

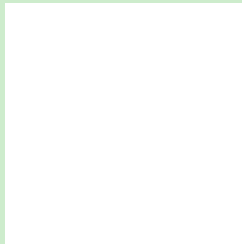
Any Text WCAG AAA ✓ Pass

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

Hex CDECCC Background



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

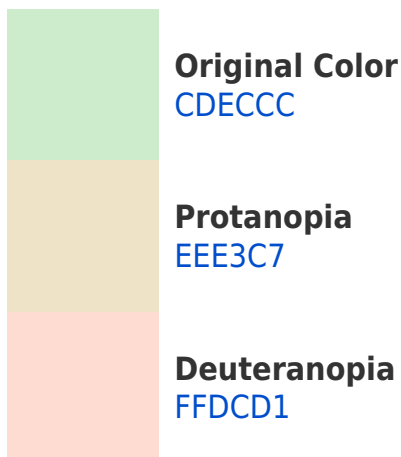


This preview shows how white text looks on a background with the Hex color CDECCC.

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



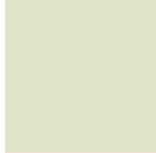


Tritanopia
D4E6F8

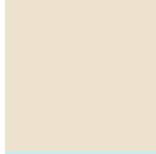
Trichromacy



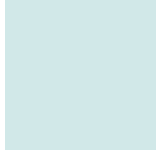
Original Color
CDECCC



Protanomaly
E2E6C9



Deuteranomaly
EDE2CF

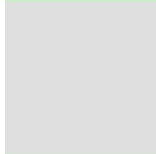


Tritanomaly
D1E8E8

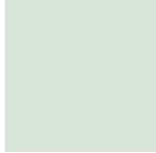
Monochromacy



Original Color
CDECCC



Achromatopsia
DFDFDF



Achromatomaly
D8E4D8

CSS Examples

Text

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

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

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 #CDECCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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