

# Converting Colors

Hex(C1ECA3)

Have a look what the booklet for  
Hex(C1ECA3) contains.

<b>Hex(C1ECA3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C1ECA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1ECA3
RGB	193, 236, 163
RGB Percent	76%, 93%, 64%
CMY	0.2431, 0.0745, 0.3608
CMYK	0.18, 0.00, 0.31, 0.07
HSL	95°, 66%, 78%
HSV	95°, 31%, 93%
XYZ	58.5986, 73.9727, 45.8400
YIQ	214.8210, -2.1950, -31.8190

# Conversions

## Conversions Part 2

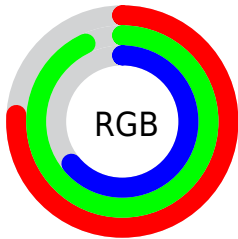
Format	Color
<a href="#">RYB</a>	<a href="#">163, 236, 206</a>
Decimal	<a href="#">12709027</a>
CIELab	<a href="#">88.91, -26.64, 30.98</a>
CIElCh	<a href="#">89, 40.863, 130.695</a>
Yxy	<a href="#">73.9727, 0.3284, 0.4146</a>
Android (android.graphics.Color)	<a href="#">4290899107</a> ( <a href="#">0xFFC1ECA3</a> )
YUV	<a href="#">214.8210, -25.5478, -19.1370</a>
Hunter-Lab	<a href="#">86.0074, -28.8971, 28.6049</a>

# Details

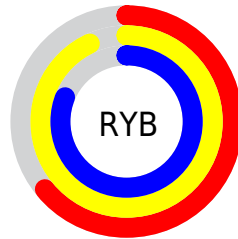
The Hex color **C1ECA3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CEA3EC**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FAFFDA**, and **8AB46F** is the 20% darker color. If you saturate the color by 10%, you get **B3EC8B**, and if you desaturate by 10%, it is **CFECBB**.

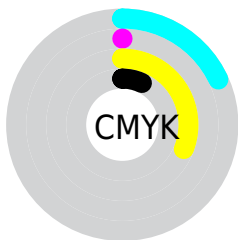
# Distribution



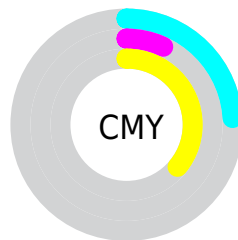
- Red (76%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1ECA3 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 C1ECA3 by changing the saturation by 10% instead.



 C1ECA3

FFFFFF

 FAFFDA

 FFFFF7

 C1ECA3

 A5D088

 8AB46F

 709956

 577F3D

 3E6626

 254D0E

 0E3600

 002200

 000000

 C1ECA3

 C1ECA3

 B3EC8B

 CFECBB

 A5EC74

 DDECD2

 97EC5C

 EBCECA

 89EC45

 F9ECFF

 7BEC2D

 FFECFF

 6EEC15

 61EC00

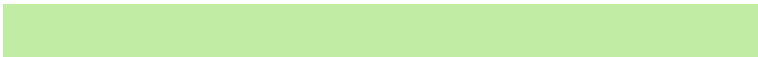
# Harmonies

## Analogous

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



ECE192



C1ECA3



92F3C4

# Triad

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



C1ECA3



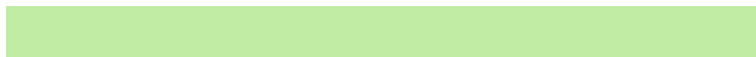
83EAFF



FFC2D3

# Complementary

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



C1ECA3



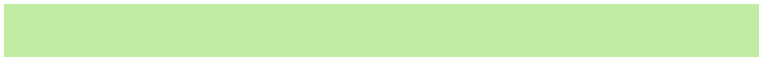
CEA3EC

# Split Complementary

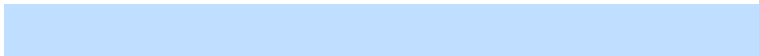
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5FA



C1ECA3



C0DEFF

# Square

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



C1ECA3



58F2FF



F6D0FF



FFC8AE

# Rectangle

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



C1ECA3



73F4DF



F6D0FF



FFC2E0



# Sweetspot

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



C1ECA3



F1FFE8



ECCEA3



778071



000000



808080

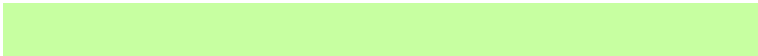


# Same Dimension

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



C1ECA3



C7FFA1



A3ECA9



6E756A



4AB500



163600



# Inverse Universe

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



CEA3EC



D8A1FF



ECA3E6



706A75



6B00B5

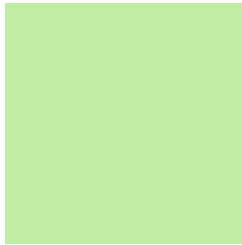


200036



# Previews

## White Background



This preview shows how the Hex color C1ECA3 looks on a white background.

## Color Contrast Check

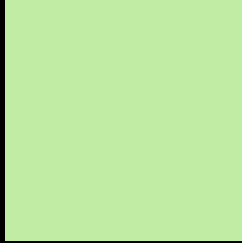
Large Text (above 18pt) WCAG AA × Fail

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 C1ECA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

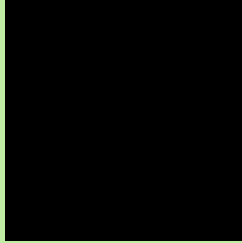
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1ECA3 Background



This preview shows how black text looks on a background with the Hex color C1ECA3.

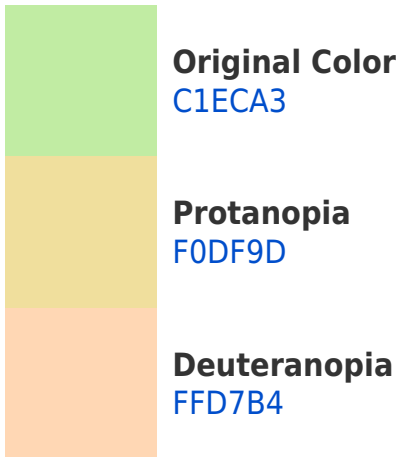


This preview shows how white text looks on a background with the Hex color C1ECA3.

# 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





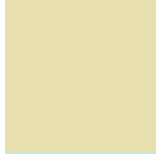
# Trichromacy



**Original Color**  
C1ECA3



**Protanomaly**  
DFE49F



**Deuteranomaly**  
E8DFAE

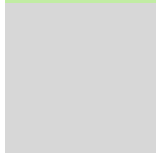


**Tritanomaly**  
C9E6D7

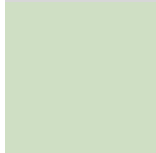
# Monochromacy



**Original Color**  
C1ECA3



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
CFDFC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1ECA3 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 #C1ECA3 looks like.

```
.text, #text, p{  
    color:#C1ECA3  
}
```

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 #C1ECA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1ECA3  
}
```

## Border

The CSS property to change the border of an element to Hex C1ECA3 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  
#C1ECA3 }
```

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

```
.border{ border-color:#C1ECA3 }
```

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

Here you see how a box with a 4 pixel `#C1ECA3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1ECA3; -webkit-box-shadow:4px 4px  
4px 4px #C1ECA3; box-shadow:4px 4px 4px  
4px #C1ECA3 }
```

# Background

The CSS property to change the background color of an element to Hex C1ECA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1ECA3 }
```

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

```
.background{ background-color:#C1ECA3 }
```

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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