

# Converting Colors

Hex(C1AE9B)

Have a look what the booklet for  
Hex(C1AE9B) contains.

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# **Color**

**Hex(C1AE9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1AE9B
RGB	193, 174, 155
RGB Percent	76%, 68%, 61%
CMY	0.2431, 0.3176, 0.3922
CMYK	0.00, 0.10, 0.20, 0.24
HSL	30°, 23%, 68%
HSV	30°, 20%, 76%
XYZ	43.0448, 43.9761, 37.2299
YIQ	177.5150, 17.4230, -1.8810

# Conversions

## Conversions Part 2

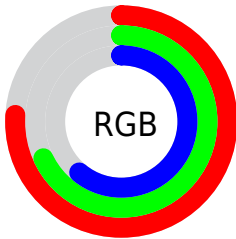
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 193, 155
Decimal	12693147
CIE <sub>Lab</sub>	72.21, 3.74, 12.24
CIE <sub>LCh</sub>	72, 12.797, 72.990
Yxy	43.9761, 0.3464, 0.3539
Android (android.graphics.Color)	4290883227 (0xFFC1AE9B)
YUV	177.5150, -11.0999, 13.5803
Hunter-Lab	66.3145, -0.1859, 13.1339

# Details

The Hex color **C1AE9B** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9BAEC1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FAE5D1**, and **8B7A68** is the 20% darker color. If you saturate the color by 10%, you get **C1A488**, and if you desaturate by 10%, it is **C1B8AE**.

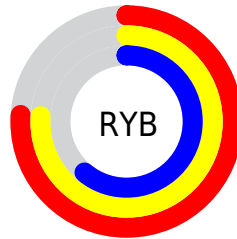
# Distribution



Red (76%)

Green (68%)

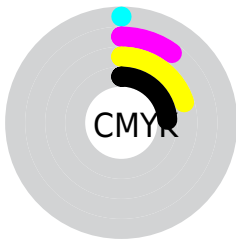
Blue (61%)



Red (76%)

Yellow (76%)

Blue (61%)

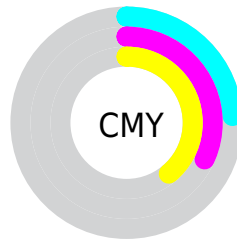


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1AE9B 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 C1AE9B by changing the saturation by 10% instead.





C1AE9B



C1AE9B

FFFFFF



A69381



FAE5D1



8B7A68



FFFFEE



716150



594939



413323



2A1E0E



130500



000000



C1AE9B



C1AE9B

 C1A488

 C1B8AE

 C19B74

 C1C1C2

 C19161

 C1CBD5

 C1874E

 C1D5E8

 C17E3A

 C1DEFB

 C17427

 C1E8FF

 C16A14

 C1F2FF

 C16101

 C1FBFF

 C16100

 C1FFFF

# Harmonies

## Analogous

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



C9ABA2



C1AE9B



B5B29A

# Triad

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



C1AE9B



94B8B6



BAACC2

# Complementary

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



C1AE9B



9BAEC1

# 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.



ABB0C8



C1AE9B



95B7C1

# Square

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



C1AE9B



9CB7AA



9DB4C7



C5AAB8

# Rectangle

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



C1AE9B



ACB49D



9DB4C7



B5AEC5

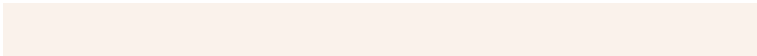


# Sweetspot

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



C1AE9B



FAF2EB



C19BAE



7D7974



FCFCFC



7D7D7D



# Same Dimension

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



C1AE9B



FADCBE



C1C19B



615C57



A15000



211100

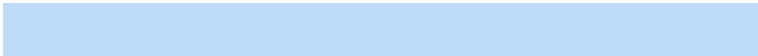


# Inverse Universe

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



9BAEC1



BEDCFA



9B9BC1



575C61



0050A1



001121



# Previews

## White Background



This preview shows how the Hex color C1AE9B 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

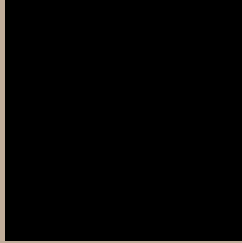
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1AE9B Background



This preview shows how black text looks on a background with the Hex color C1AE9B.



This preview shows how white text looks on a background with the Hex color C1AE9B.

# 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



**Original Color**  
C1AE9B

**Protanopia**  
B9B19C

**Deuteranopia**  
CAAB9C



**Tritanopia**  
C5AAB7

# Trichromacy



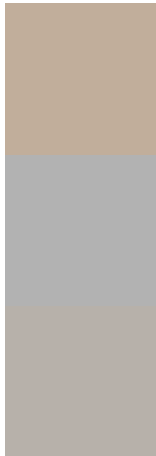
**Original Color**  
C1AE9B

**Protanomaly**  
BCB09C

**Deuteranomaly**  
C7AC9C

**Tritanomaly**  
C4ABAD

# Monochromacy



**Original Color**  
C1AE9B

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B7B1AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1AE9B 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 #C1AE9B looks like.

```
.text, #text, p{  
    color:#C1AE9B  
}
```

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 #C1AE9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1AE9B
}
```

## Border

The CSS property to change the border of an element to Hex C1AE9B 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
#C1AE9B }
```

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

```
.border{ border-color:#C1AE9B }
```

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

Here you see how a box with a 4 pixel #C1AE9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1AE9B; -webkit-box-shadow:4px 4px  
4px 4px #C1AE9B; box-shadow:4px 4px 4px  
4px #C1AE9B }
```

# Background

The CSS property to change the background color of an element to Hex C1AE9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1AE9B }
```

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

```
.background{ background-color:#C1AE9B }
```

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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