

# Converting Colors

Hex(C1C8C8)

Have a look what the booklet for  
Hex(C1C8C8) contains.

<b>Hex(C1C8C8)</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(C1C8C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1C8C8
RGB	193, 200, 200
RGB Percent	76%, 78%, 78%
CMY	0.2431, 0.2157, 0.2157
CMYK	0.04, 0.00, 0.00, 0.22
HSL	180°, 6%, 77%
HSV	180°, 4%, 78%
XYZ	53.0719, 56.8161, 62.8130
YIQ	197.9070, -4.1720, -1.4840

# Conversions

## Conversions Part 2

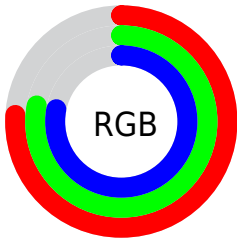
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 197, 200
Decimal	12699848
CIE <sub>Lab</sub>	80.08, -2.39, -0.84
CIE <sub>LCh</sub>	80, 2.536, 199.430
Yxy	56.8161, 0.3073, 0.3290
Android (android.graphics.Color)	4290889928 (0xFFC1C8C8)
YUV	197.9070, 1.0318, -4.3034
Hunter-Lab	75.3765, -6.2286, 3.3558

# Details

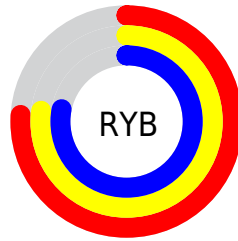
The Hex color **C1C8C8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C8C1C1**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F9FFFF**, and **8C9292** is the 20% darker color. If you saturate the color by 10%, you get **ADC8C8**, and if you desaturate by 10%, it is **D5C8C8**.

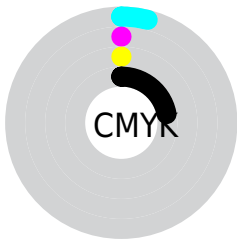
# Distribution



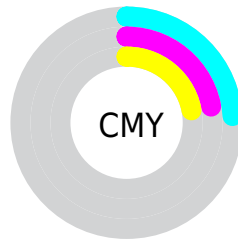
- Red (76%)
- Green (78%)
- Blue (78%)



- Red (76%)
- Yellow (77%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1C8C8 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 C1C8C8 by changing the saturation by 10% instead.



 C1C8C8

FFFFFF

 F9FFFF

 C1C8C8

 A6ADAD

 8C9292

 727878

 5A6060

 424848

 2C3232

 171D1D

 000102

 000000

 C1C8C8

 C1C8C8

 ADC8C8

 D5C8C8

 99C8C8

 E9C8C8

 85C8C8

 FDC8C8

 71C8C8

 FFC8C8

 5DC8C8

 49C8C8

 35C8C8

 21C8C8

 0DC8C8

# Harmonies

## Analogous

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



C2C8C6



C1C8C8



C2C8CA

# Triad

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



C1C8C8



C9C6CA



CAC6C2

# Complementary

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



C1C8C8



C8C1C1

# 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.



CBC5C3



C1C8C8



CBC5C7

# Square

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



C1C8C8



C6C6CB



CCC5C5



C7C7C2

# Rectangle

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



C1C8C8



C3C7CB



CCC5C5



CAC6C2



# Sweetspot

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



C1C8C8



FCFFFF



C1C8C1



7E8080



000000



808080

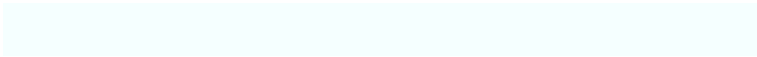


# Same Dimension

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



C1C8C8



F5FFFF



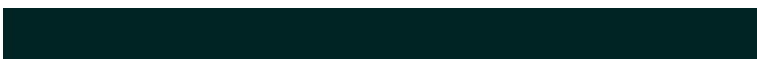
C1C5C8



5E6363



00A3A3



002424



# Inverse Universe

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



C8C1C8



FFF5FF



C8C5C1



635E63



A300A3

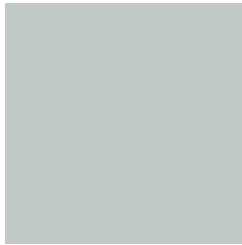


240024



# Previews

## White Background



This preview shows how the Hex color C1C8C8 looks on a white background.

## Color Contrast Check

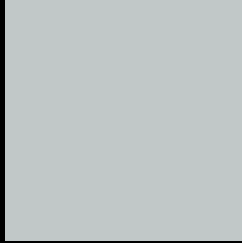
Large Text (above 18pt) WCAG AA × Fail

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 C1C8C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

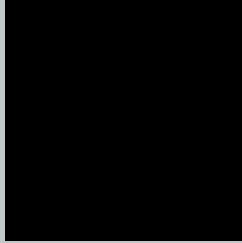
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

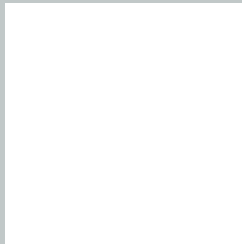
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1C8C8 Background



This preview shows how black text looks on a background with the Hex color C1C8C8.



This preview shows how white text looks on a background with the Hex color C1C8C8.

# 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**  
C3C6D6

# Trichromacy



**Original Color**  
C1C8C8

**Protanomaly**  
C7C6C7

**Deuteranomaly**  
D0C3C9

**Tritanomaly**  
C2C7D1

# Monochromacy



**Original Color**  
C1C8C8

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C4C7C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1C8C8 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 #C1C8C8 looks like.

```
.text, #text, p{  
    color:#C1C8C8  
}
```

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 #C1C8C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1C8C8  
}
```

## Border

The CSS property to change the border of an element to Hex C1C8C8 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  
#C1C8C8 }
```

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

```
.border{ border-color:#C1C8C8 }
```

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

Here you see how a box with a 4 pixel #C1C8C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1C8C8; -webkit-box-shadow:4px 4px  
4px 4px #C1C8C8; box-shadow:4px 4px 4px  
4px #C1C8C8 }
```

# Background

The CSS property to change the background color of an element to Hex C1C8C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1C8C8 }
```

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

```
.background{ background-color:#C1C8C8 }
```

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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