

Converting Colors

CIELCh(78, 3.205, 35.540)

Have a look what the booklet for
CIELCh(78, 3.205, 35.540) contains.

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Color

CIELCh(78, 3.158, 39.205)

Conversions

Conversions Part 1

Format	Color
Hex	C7BFBD
RGB	199, 191, 189
RGB Percent	78%, 75%, 74%
CMY	0.2187, 0.2501, 0.2580
CMYK	0.00, 0.04, 0.05, 0.22
HSL	12°, 8%, 76%
HSV	12°, 5%, 78%
XYZ	51.4983, 53.2120, 55.8242
YIQ	193.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

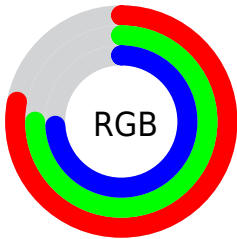
Format	Color
RYB	199, 192, 189
Decimal	13090749
CIELab	78.00, 2.45, 2.00
CIELCh	78, 3.158, 39.205
Yxy	53.2120, 0.3208, 0.3315
Android (android.graphics.Color)	4291280829 (0xFFC7BFBD)
YUV	193.1640, -2.0529, 5.1182
Hunter-Lab	72.9466, -1.6402, 5.6894

Details

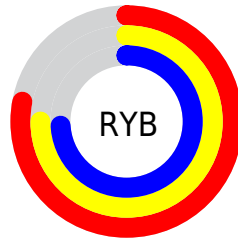
The CIELCh color **78, 3.158, 39.205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 3.066, 219.821**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 3.001, 39.179**, and **58, 2.992, 41.760** is the 20% darker color. If you saturate the color by 10%, you get **73, 9.841, 39.218**, and if you desaturate by 10%, it is **83, 3.015, 219.823**.

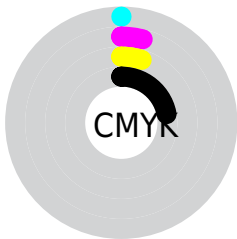
Distribution



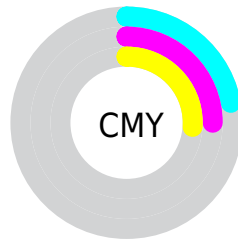
- Red (78%)
- Green (75%)
- Blue (74%)



- Red (78%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.158, 39.205 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 CIELCh color 78, 3.158, 39.205 by changing the saturation by 10% instead.

 78, 3.158, 39.205  78, 3.158, 39.205

 100, 3.158, 39.205  68, 3.158, 39.205

 98, 3.158, 39.205  58, 3.158, 39.205

 48, 3.158, 39.205

 38, 3.158, 39.205

 28, 3.158, 39.205

 18, 3.158, 39.205

 8, 3.158, 39.205

 0, 3.158, 39.205

 78, 3.158, 39.205  78, 3.158, 39.205

73, 9.841, 39.218

83, 3.015, 219.823

69, 17.087, 39.211

87, 8.730, 219.995

65, 24.933, 39.337

92, 14.039,
220.304

60, 33.395, 39.643

96, 18.320,
198.383

56, 42.447, 40.166

53, 51.986, 40.922

96, 18.339,
198.292

50, 61.765, 41.867

47, 71.227, 42.802

45, 79.158, 43.197

Harmonies

Complementary

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



78, 3.158, 39.205



79, 3.066, 219.821

Rectangle

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



78, 3.158, 39.205



78, 3.158, 89.205



78, 3.158, 219.205



78, 3.158, 269.205

Sweetspot

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



78, 3.157, 39.245



99, 1.517, 39.047



78, 5.679, 330.783



53, 0.862, 39.026



0, 0.000, 0.000



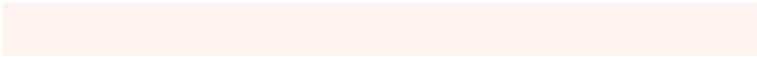
53, 0.007, 296.813

Same Dimension

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



78, 3.157, 39.245



97, 4.631, 39.256



79, 3.873, 93.039



40, 2.509, 39.258



36, 70.810, 43.727



5, 14.159, 31.155

Inverse Universe

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



79, 3.066, 219.821



98, 4.465, 219.822



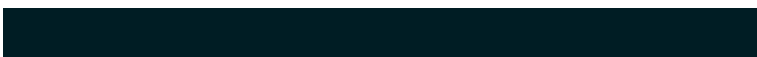
78, 3.893, 274.372



41, 2.412, 219.827



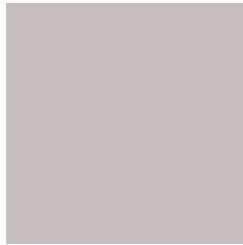
50, 31.441, 235.239



9, 11.165, 226.322

Previews

White Background



This preview shows how the CIELCh color 78, 3.158, 39.205 looks on a white background.

Color Contrast Check

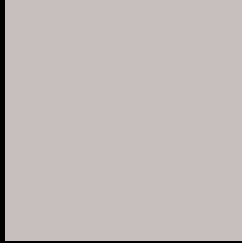
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 3.158, 39.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

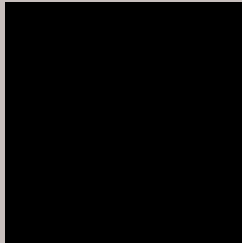
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

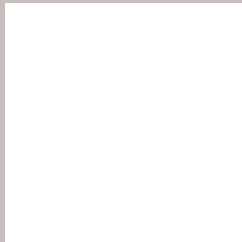
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.158, 39.205

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.158, 39.205.



This preview shows how white text looks on a background with the CIELCh color 78, 3.158, 39.205.

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


78, 3.158, 39.205

Protanopia

78, 2.130, 49.342

Deuteranopia

78, 9.545, 10.515



Tritanopia
78, 9.190, 319.111

Trichromacy



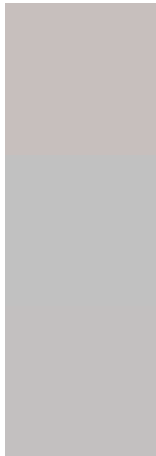
Original Color
78, 3.158, 39.205

Protanomaly
78, 2.461, 45.029

Deuteranomaly
78, 6.770, 15.366

Tritanomaly
78, 6.089, 327.512

Monochromacy



Original Color
78, 3.158, 39.205

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.109, 19.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 3.158, 39.205 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 `rgb(199, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 189)  
}
```

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 rgb(199, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.158, 39.205 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 rgb(199, 191, 189) }
```

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

```
.border{ border-color:rgb(199, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 191, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 191, 189); box-shadow:4px 4px 4px 4px rgb(199, 191, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.158, 39.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 189) }
```

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

```
.background{ background-color: rgb(199,  
191, 189) }
```

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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