

Converting Colors

CIELCh(72, 3.141, 37.799)

Have a look what the booklet for
CIELCh(72, 3.141, 37.799) contains.

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Color

CIELCh(72, 3.213, 39.211)

Conversions

Conversions Part 1

Format	Color
Hex	B7AFAD
RGB	183, 175, 173
RGB Percent	72%, 69%, 68%
CMY	0.2830, 0.3143, 0.3222
CMYK	0.00, 0.04, 0.05, 0.28
HSL	12°, 6%, 70%
HSV	12°, 5%, 72%
XYZ	42.3190, 43.6590, 45.6535
YIQ	177.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

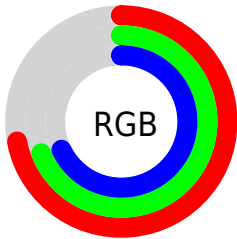
Format	Color
RYB	183, 176, 173
Decimal	12038061
CIELab	72.00, 2.49, 2.03
CIELCh	72, 3.213, 39.211
Yxy	43.6590, 0.3215, 0.3317
Android (android.graphics.Color)	4290228141 (0xFFB7AFAD)
YUV	177.1640, -2.0529, 5.1182
Hunter-Lab	66.0750, -1.3074, 5.2870

Details

The CIELCh color **72, 3.213, 39.211** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 3.111, 219.817**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 3.252, 47.760**, and **52, 3.059, 41.756** is the 20% darker color. If you saturate the color by 10%, you get **68, 9.465, 39.214**, and if you desaturate by 10%, it is **76, 2.564, 219.827**.

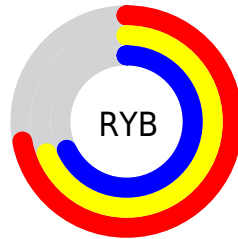
Distribution



Red (72%)

Green (69%)

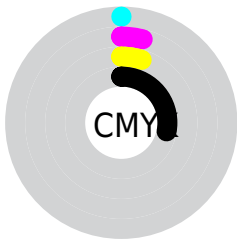
Blue (68%)



Red (72%)

Yellow (69%)

Blue (68%)

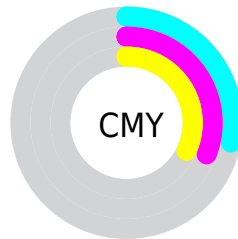


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.213, 39.211 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 72, 3.213, 39.211 by changing the saturation by 10% instead.

■ 72, 3.213, 39.211

■ 72, 3.213, 39.211

■ 100, 3.213, 39.211

■ 62, 3.213, 39.211

■ 92, 3.213, 39.211

■ 52, 3.213, 39.211

■ 42, 3.213, 39.211

■ 32, 3.213, 39.211

■ 22, 3.213, 39.211

■ 12, 3.213, 39.211

■ 2, 3.213, 39.211

■ 0, 3.213, 39.211

■ 72, 3.213, 39.211

■ 72, 3.213, 39.211

68, 9.465, 39.214

76, 2.564, 219.827

64, 16.240, 39.210

81, 7.914, 219.978

60, 23.572, 39.340

85, 12.885,
220.282

56, 31.476, 39.649

89, 17.523,
220.630

52, 39.926, 40.172

49, 48.826, 40.925

94, 21.087,
208.129

46, 57.946, 41.866

95, 23.178,
197.989

43, 66.772, 42.796

41, 74.206, 43.214

Harmonies

Complementary

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



72, 3.213, 39.211



73, 3.111, 219.817

Rectangle

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



72, 3.213, 39.211



72, 3.213, 89.211



72, 3.213, 219.211



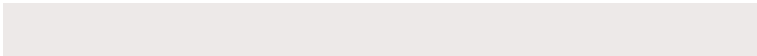
72, 3.213, 269.211

Sweetspot

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



72, 3.212, 39.248



93, 1.430, 39.043



72, 5.770, 330.812



50, 0.819, 39.021



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 3.212, 39.248



90, 5.114, 39.256



73, 3.936, 92.993



37, 2.694, 39.256



34, 68.185, 43.757



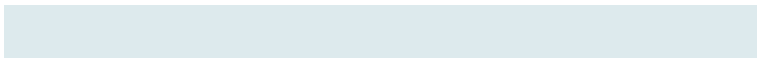
3, 9.329, 33.459

Inverse Universe

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



73, 3.111, 219.817



92, 4.900, 219.830



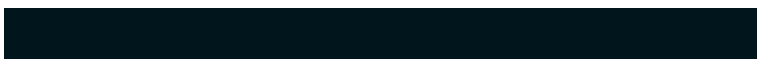
72, 3.955, 274.421



38, 2.575, 219.836



48, 30.339, 235.066



6, 8.539, 229.389

Previews

White Background



This preview shows how the CIELCh color 72, 3.213, 39.211 looks on a white background.

Color Contrast Check

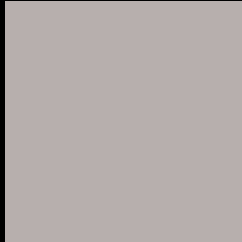
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 3.213, 39.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

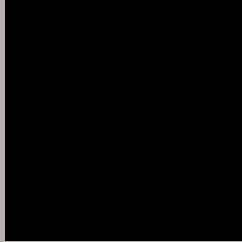
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

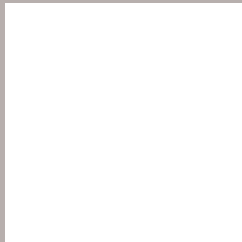
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.213, 39.211

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.213, 39.211.

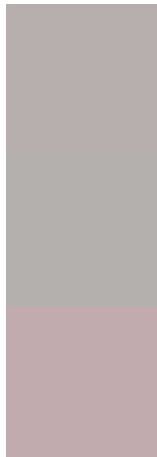


This preview shows how white text looks on a background with the CIELCh color 72, 3.213, 39.211.

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

72, 3.213, 39.211

Protanopia

72, 2.207, 66.718

Deuteranopia

72, 8.947, 9.692



Tritanopia
72, 8.400, 322.676

Trichromacy



Original Color
72, 3.213, 39.211

Protanomaly
72, 2.481, 60.266

Deuteranomaly
72, 6.950, 10.977

Tritanomaly
72, 5.365, 334.591

Monochromacy



Original Color
72, 3.213, 39.211

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.244, 44.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.213, 39.211 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(183, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 173)  
}
```

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(183, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.213, 39.211 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(183, 175, 173) }
```

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

```
.border{ border-color:rgb(183, 175, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.213, 39.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 173) }
```

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

```
.background{ background-color: rgb(183,  
175, 173) }
```

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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