

Converting Colors

CIELCh(72, 4.994, 322.714)

Have a look what the booklet for
CIELCh(72, 4.994, 322.714) contains.

CIELCh(72, 5.107, 321.168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 5.107, 321.168)

Conversions

Conversions Part 1

Format	Color
Hex	B5AEB6
RGB	181, 174, 182
RGB Percent	71%, 68%, 71%
CMY	0.2889, 0.3163, 0.2849
CMYK	0.01, 0.04, 0.00, 0.28
HSL	292°, 5%, 70%
HSV	292°, 4%, 72%
XYZ	42.8160, 43.6590, 50.6112
YIQ	177.0050, 1.6040, 3.9720

Conversions

Conversions Part 2

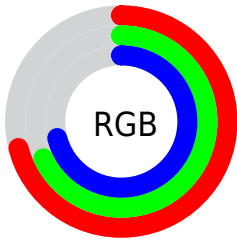
Format	Color
RYB	181, 174, 182
Decimal	11906742
CIELab	72.00, 3.98, -3.20
CIElCh	72, 5.107, 321.168
Yxy	43.6590, 0.3123, 0.3185
Android (android.graphics.Color)	4290096822 (0xFFB5AEB6)
YUV	177.0050, 2.4625, 3.5036
Hunter-Lab	66.0750, 0.0352, 0.8384

Details

The CIELCh color **72, 5.107, 321.168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 5.083, 140.837**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 5.485, 321.534**, and **52, 4.736, 320.699** is the 20% darker color. If you saturate the color by 10%, you get **67, 16.858, 321.665**, and if you desaturate by 10%, it is **77, 6.442, 140.782**.

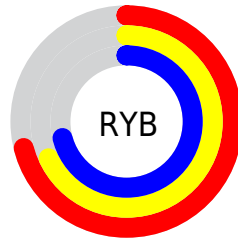
Distribution



Red (71%)

Green (68%)

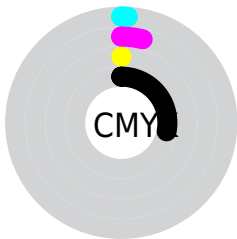
Blue (71%)



Red (71%)

Yellow (68%)

Blue (71%)

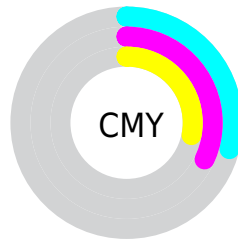


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.107, 321.168 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, 5.107, 321.168 by changing the saturation by 10% instead.

■ 72, 5.107, 321.168

■ 72, 5.107, 321.168

■ 100, 5.107,
321.168

■ 62, 5.107, 321.168

■ 92, 5.107, 321.168

■ 52, 5.107, 321.168

■ 42, 5.107, 321.168

■ 32, 5.107, 321.168

■ 22, 5.107, 321.168

■ 12, 5.107, 321.168

■ 2, 5.107, 321.168

■ 0, 5.107, 321.168

■ 72, 5.107, 321.168

■ 72, 5.107, 321.168

67, 16.858,
321.665

77, 6.442, 140.782

62, 28.704,
322.139

82, 17.716,
140.320

58, 40.464,
322.594

87, 28.682,
139.897

54, 51.878,
323.012

92, 39.323,
139.502

50, 62.588,
323.368

94, 43.481,
138.864

46, 72.146,
323.633

95, 43.051,
138.013

43, 80.053,
323.774

95, 42.630,
137.138

41, 85.867,
323.761

95, 42.216,
136.238

40, 89.355,

95, 41.812,
135.314

Harmonies

Complementary

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



72, 5.107, 321.168



73, 5.083, 140.837

Rectangle

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



72, 5.107, 321.168



72, 5.107, 11.168



72, 5.107, 141.168



72, 5.107, 191.168

Sweetspot

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



72, 5.105, 321.167



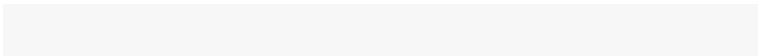
93, 1.443, 320.872



72, 3.797, 284.634



50, 0.828, 320.860



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, 5.105, 321.167



91, 7.206, 321.205



72, 4.095, 337.343



37, 3.980, 321.232



33, 80.619, 323.478



3, 17.743, 319.437

Inverse Universe

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



72, 3.073, 9.329



91, 4.345, 9.411



73, 4.071, 156.881



37, 2.403, 9.469



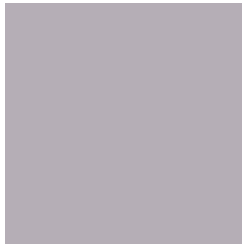
32, 66.999, 33.795



2, 10.750, 11.845

Previews

White Background



This preview shows how the CIELCh color 72, 5.107, 321.168 looks on a white background.

Color Contrast Check

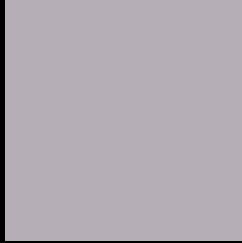
Large Text (above 18pt) WCAG AA × Fail

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, 5.107, 321.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

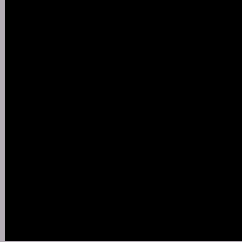
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

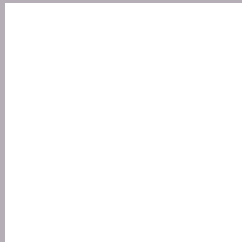
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.107, 321.168

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.107, 321.168.



This preview shows how white text looks on a background with the CIELCh color 72, 5.107, 321.168.

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, 5.107, 321.168

Protanopia

72, 4.517, 304.792

Deuteranopia

72, 9.966, 339.385



Tritanopia
72, 7.707, 313.260

Trichromacy



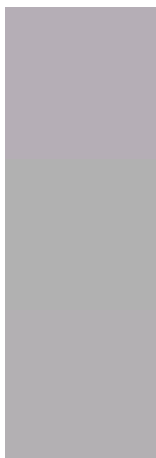
Original Color
72, 5.107, 321.168

Protanomaly
72, 4.626, 309.234

Deuteranomaly
72, 8.234, 333.458

Tritanomaly
72, 6.718, 316.811

Monochromacy



Original Color
72, 5.107, 321.168

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.997, 324.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.107, 321.168 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(181, 174, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 174, 182)  
}
```

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(181, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 174, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.107, 321.168 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(181, 174, 182) }
```

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

```
.border{ border-color:rgb(181, 174, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 174, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 174,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.107, 321.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 174, 182) }
```

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

```
.background{ background-color: rgb(181,  
174, 182) }
```

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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