

Converting Colors

CIELCh(72, 1.548, 350.081)

Have a look what the booklet for
CIELCh(72, 1.548, 350.081) contains.

CIELCh(72, 1.259, 353.501)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 1.259, 353.501)

Conversions

Conversions Part 1

Format	Color
Hex	B3B0B1
RGB	179, 176, 177
RGB Percent	70%, 69%, 69%
CMY	0.2991, 0.3109, 0.3069
CMYK	0.00, 0.02, 0.01, 0.30
HSL	340°, 2%, 70%
HSV	340°, 2%, 70%
XYZ	41.9085, 43.6590, 47.6713
YIQ	177.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

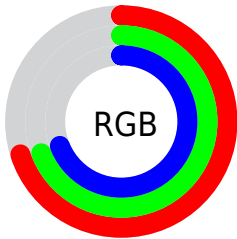
Format	Color
RYB	179, 176, 177
Decimal	11776177
CIELab	72.00, 1.25, -0.14
CIElCh	72, 1.259, 353.501
Yxy	43.6590, 0.3145, 0.3277
Android (android.graphics.Color)	4289966257 (0xFFB3B0B1)
YUV	177.0110, -0.0054, 1.7444
Hunter-Lab	66.0750, -2.4164, 3.4763

Details

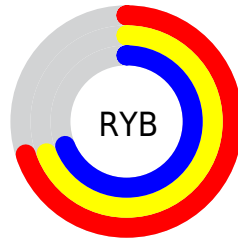
The CIELCh color **72, 1.259, 353.501** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 1.243, 173.931**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 1.196, 353.369**, and **52, 0.801, 19.007** is the 20% darker color. If you saturate the color by 10%, you get **67, 8.899, 354.790**, and if you desaturate by 10%, it is **77, 6.081, 173.114**.

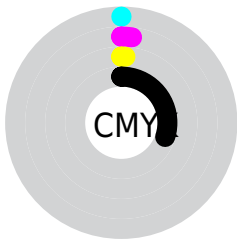
Distribution



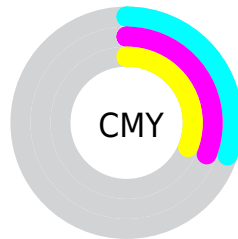
- Red (70%)
- Green (69%)
- Blue (69%)



- Red (70%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 1.259, 353.501 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, 1.259, 353.501 by changing the saturation by 10% instead.

■ 72, 1.259, 353.501

■ 72, 1.259, 353.501

100, 1.259,
353.501

■ 62, 1.259, 353.501

■ 92, 1.259, 353.501

■ 52, 1.259, 353.501

■ 42, 1.259, 353.501

■ 32, 1.259, 353.501

■ 22, 1.259, 353.501

■ 12, 1.259, 353.501

■ 2, 1.259, 353.501

■ 0, 1.259, 353.501

■ 72, 1.259, 353.501

■ 72, 1.259, 353.501

67, 8.899, 354.790

77, 6.081, 173.114

62, 16.803,
355.902

82, 13.102,
172.321

57, 24.879,
357.179

87, 19.814,
171.628

53, 32.972,
358.688

92, 26.233,
171.001

49, 40.842, 0.517

95, 27.214,
177.015

45, 48.166, 2.780

95, 25.010,
189.881

42, 54.571, 5.627

40, 59.741, 9.231

95, 24.346,
197.916

38, 63.573, 13.730

Harmonies

Complementary

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



72, 1.259, 353.501



73, 1.243, 173.931

Rectangle

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



72, 1.259, 353.501



72, 1.259, 43.501



72, 1.259, 173.501



72, 1.259, 223.501

Sweetspot

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



72, 1.257, 353.545



91, 0.928, 353.266



72, 1.809, 314.651



49, 0.532, 353.230



96, 0.011, 296.813



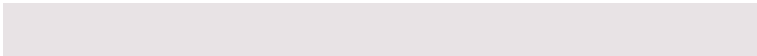
49, 0.007, 296.813

Same Dimension

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



72, 1.257, 353.545



91, 1.854, 353.637



72, 0.971, 35.156



37, 0.848, 353.596



32, 58.828, 17.201



2, 9.817, 359.012

Inverse Universe

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



72, 1.257, 353.545



91, 1.854, 353.637



72, 0.964, 216.221



37, 0.848, 353.596



32, 58.828, 17.201



2, 9.817, 359.012

Previews

White Background



This preview shows how the CIELCh color 72, 1.259, 353.501 looks on a white background.

Color Contrast Check

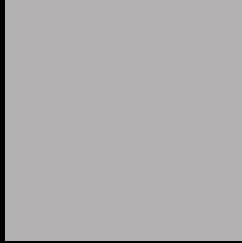
Large Text (above 18pt) WCAG AA × Fail

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, 1.259, 353.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

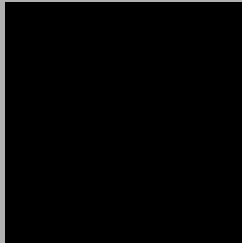
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

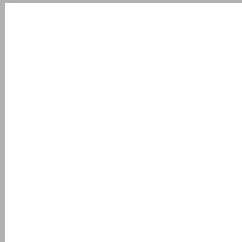
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 1.259, 353.501

Background



This preview shows how black text looks on a background with the CIELCh color 72, 1.259, 353.501.

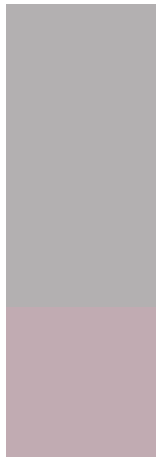


This preview shows how white text looks on a background with the CIELCh color 72, 1.259, 353.501.

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, 1.259, 353.501

Protanopia

72, 1.259, 353.501

Deuteranopia

72, 9.175, 355.748



Tritanopia
72, 7.974, 306.878

Trichromacy



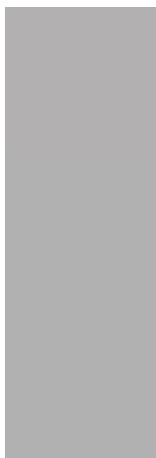
Original Color
72, 1.259, 353.501

Protanomaly
72, 1.259, 353.501

Deuteranomaly
72, 6.296, 354.360

Tritanomaly
72, 5.265, 311.165

Monochromacy



Original Color
72, 1.259, 353.501

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 0.375, 18.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 1.259, 353.501 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(179, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 177)  
}
```

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(179, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 1.259, 353.501 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(179, 176, 177) }
```

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

```
.border{ border-color:rgb(179, 176, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 176, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 176,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 1.259, 353.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 177) }
```

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

```
.background{ background-color: rgb(179,  
176, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor