

Converting Colors

CIELCh(72, 0.260, 302.362)

Have a look what the booklet for
CIELCh(72, 0.260, 302.362) contains.

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Color

CIELCh(72, 0.672, 324.122)

Conversions

Conversions Part 1

Format	Color
Hex	B1B0B1
RGB	177, 176, 177
RGB Percent	69%, 69%, 69%
CMY	0.3053, 0.3092, 0.3053
CMYK	0.00, 0.01, 0.00, 0.31
HSL	300°, 1%, 69%
HSV	300°, 1%, 69%
XYZ	41.6756, 43.6590, 47.9084
YIQ	176.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
RYB	177, 176, 177
Decimal	11645105
CIELab	72.00, 0.54, -0.39
CIELCh	72, 0.672, 324.122
Yxy	43.6590, 0.3128, 0.3277
Android (android.graphics.Color)	4289835185 (0xFFB1B0B1)
YUV	176.4130, 0.2894, 0.5148
Hunter-Lab	66.0750, -3.0457, 3.2636

Details

The CIELCh color $72, 0.672, 324.122$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 0.654, 144.769$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 0.640, 324.014$, and $52, 0.007, 296.813$ is the 20% darker color. If you saturate the color by 10%, you get $67, 12.522, 324.992$, and if you desaturate by 10%, it is $77, 10.972, 143.962$.

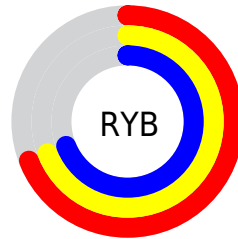
Distribution



Red (69%)

Green (69%)

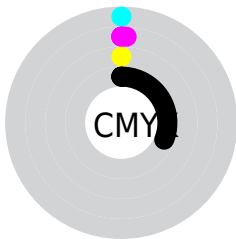
Blue (69%)



Red (69%)

Yellow (69%)

Blue (69%)

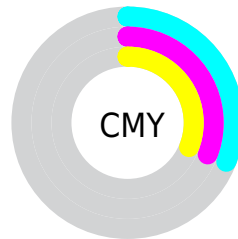


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 0.672, 324.122 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, 0.672, 324.122 by changing the saturation by 10% instead.

■ 72, 0.672, 324.122

■ 72, 0.672, 324.122

100, 0.672,
324.122

■ 62, 0.672, 324.122

■ 92, 0.672, 324.122

■ 52, 0.672, 324.122

■ 42, 0.672, 324.122

■ 32, 0.672, 324.122

■ 22, 0.672, 324.122

■ 12, 0.672, 324.122

■ 2, 0.672, 324.122

■ 0, 0.672, 324.122

■ 72, 0.672, 324.122

■ 72, 0.672, 324.122

67, 12.522,
324.992

77, 10.972,
143.962

63, 24.461,
325.541

82, 22.327,
143.437

59, 36.296,
326.072

86, 33.355,
142.941

55, 47.760,
326.575

91, 44.037,
142.471

51, 58.500,
327.035

93, 48.731,
142.268

48, 68.091,
327.435

93, 48.731,
142.268

46, 76.084,
327.761

93, 48.731,
142.268

44, 82.096,
328.001

93, 48.731,
142.267

43, 85.926,

93, 48.730,

328.152

142.267

Harmonies

Complementary

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



72, 0.672, 324.122



72, 0.654, 144.769

Rectangle

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



72, 0.672, 324.122



72, 0.672, 14.122



72, 0.672, 144.122



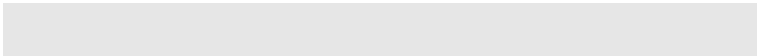
72, 0.672, 194.122

Sweetspot

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



72, 0.670, 324.119



91, 0.011, 296.813



72, 0.542, 289.683



48, 0.006, 296.813



96, 0.011, 296.813

Same Dimension

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



72, 0.670, 324.119



91, 1.461, 324.300



72, 0.476, 342.042



38, 0.675, 324.277



36, 78.927, 328.230



3, 16.261, 324.436

Inverse Universe

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



72, 0.375, 18.091



90, 0.821, 18.717



72, 0.463, 163.508



38, 0.379, 18.645



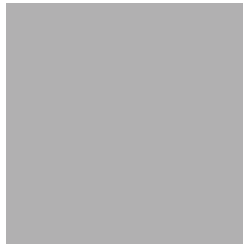
31, 70.928, 39.523



2, 9.156, 19.400

Previews

White Background



This preview shows how the CIELCh color 72, 0.672, 324.122 looks on a white background.

Color Contrast Check

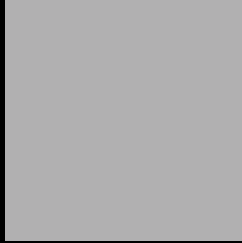
Large Text (above 18pt) WCAG AA × Fail

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, 0.672, 324.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

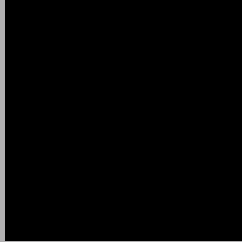
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

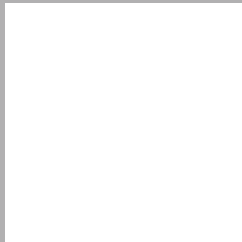
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 0.672, 324.122

Background



This preview shows how black text looks on a background with the CIELCh color 72, 0.672, 324.122.

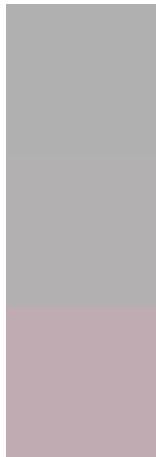


This preview shows how white text looks on a background with the CIELCh color 72, 0.672, 324.122.

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, 0.672, 324.122

Protanopia

72, 1.259, 353.501

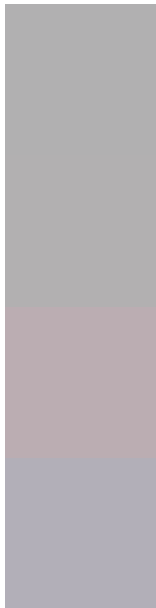
Deuteranopia

72, 9.175, 355.748



Tritanopia
72, 7.878, 304.316

Trichromacy



Original Color

72, 0.672, 324.122

Protanomaly

72, 0.936, 343.344

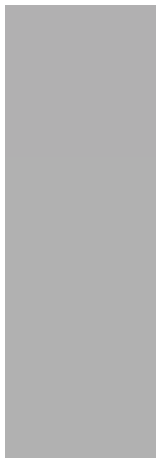
Deuteranomaly

72, 5.955, 352.735

Tritanomaly

72, 5.047, 303.301

Monochromacy



Original Color

72, 0.672, 324.122

Achromatopsia

72, 0.009, 296.813

Achromatomaly

72, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 0.672, 324.122 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(177, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 176, 177) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 72, 0.672, 324.122 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(177, 176, 177) }
```

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

```
.border{ border-color:rgb(177, 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(177, 176, 177)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 72, 0.672, 324.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(177,  
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](#).

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