

Converting Colors

CIELCh(72, 2.162, 324.409)

Have a look what the booklet for
CIELCh(72, 2.162, 324.409) contains.

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Color

CIELCh(72, 1.997, 324.414)

Conversions

Conversions Part 1

Format	Color
Hex	B3B0B3
RGB	179, 176, 179
RGB Percent	70%, 69%, 70%
CMY	0.2997, 0.3114, 0.2997
CMYK	0.00, 0.02, 0.00, 0.30
HSL	300°, 2%, 69%
HSV	300°, 2%, 70%
XYZ	42.0319, 43.6590, 48.6380
YIQ	177.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

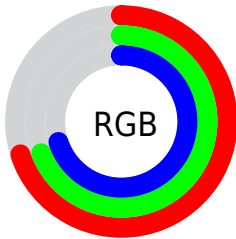
Format	Color
RYB	179, 176, 179
Decimal	11776179
CIELab	72.00, 1.62, -1.16
CIELCh	72, 1.997, 324.414
Yxy	43.6590, 0.3129, 0.3250
Android (android.graphics.Color)	4289966259 (0xFFB3B0B3)
YUV	177.2390, 0.8682, 1.5444
Hunter-Lab	66.0750, -2.0830, 2.6090

Details

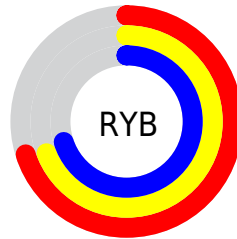
The CIELCh color $72, 1.997, 324.414$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 1.979, 144.469$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 1.899, 324.359$, and $52, 1.420, 324.396$ is the 20% darker color. If you saturate the color by 10%, you get $67, 13.942, 325.056$, and if you desaturate by 10%, it is $77, 9.751, 144.024$.

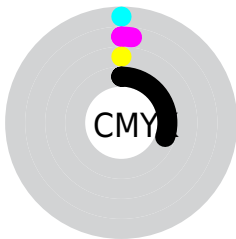
Distribution



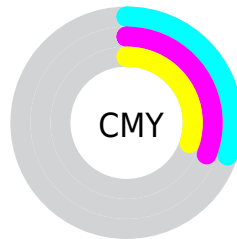
- Red (70%)
- Green (69%)
- Blue (70%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 1.997, 324.414 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, 1.997, 324.414 by changing the saturation by 10% instead.

■ 72, 1.997, 324.414

■ 72, 1.997, 324.414

100, 1.997,
324.414

■ 62, 1.997, 324.414

■ 92, 1.997, 324.414

■ 52, 1.997, 324.414

■ 42, 1.997, 324.414

■ 32, 1.997, 324.414

■ 22, 1.997, 324.414

■ 12, 1.997, 324.414

■ 2, 1.997, 324.414

■ 0, 1.997, 324.414

■ 72, 1.997, 324.414

■ 72, 1.997, 324.414

67, 13.942,
325.056

77, 9.751, 144.024

63, 25.958,
325.603

82, 21.215,
143.495

59, 37.843,
326.132

86, 32.353,
142.995

55, 49.319,
326.631

91, 43.144,
142.522

51, 60.020,
327.086

94, 47.852,
142.320

48, 69.511,
327.478

94, 47.852,
142.320

46, 77.344,
327.795

94, 47.852,
142.319

44, 83.146,
328.025

94, 47.852,
142.319

43, 86.745,

94, 47.851,
142.319

Harmonies

Complementary

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



72, 1.997, 324.414



72, 1.979, 144.469

Rectangle

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



72, 1.997, 324.414



72, 1.997, 14.414



72, 1.997, 144.414



72, 1.997, 194.414

Sweetspot

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



72, 1.995, 324.413



91, 1.474, 324.301



72, 1.611, 289.712



49, 0.845, 324.287



96, 0.011, 296.813



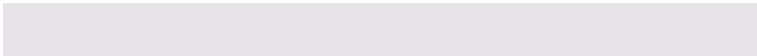
49, 0.007, 296.813

Same Dimension

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



72, 1.995, 324.413



91, 2.942, 324.453



72, 1.416, 342.638



37, 1.346, 324.435



36, 78.927, 328.232



3, 16.262, 324.438

Inverse Universe

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



72, 1.126, 19.054



91, 1.663, 19.154



73, 1.401, 162.894



37, 0.760, 19.110



31, 70.929, 39.525



2, 9.156, 19.403

Previews

White Background



This preview shows how the CIELCh color 72, 1.997, 324.414 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, 1.997, 324.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

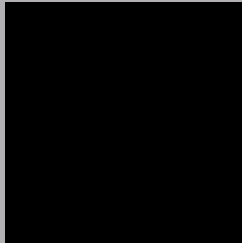
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

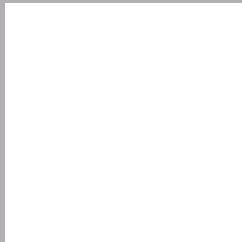
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 1.997, 324.414

Background



This preview shows how black text looks on a background with the CIELCh color 72, 1.997, 324.414.

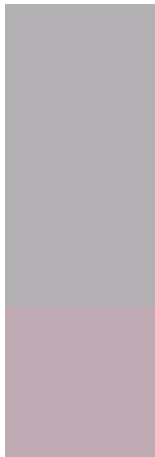


This preview shows how white text looks on a background with the CIELCh color 72, 1.997, 324.414.

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, 1.997, 324.414

Protanopia

72, 1.997, 324.414

Deuteranopia

72, 9.328, 348.618



Tritanopia
72, 7.974, 306.878

Trichromacy



Original Color

72, 1.997, 324.414

Protanomaly

72, 1.997, 324.414

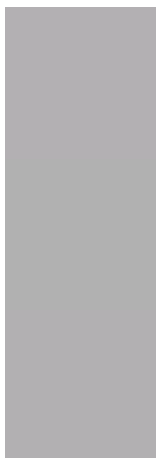
Deuteranomaly

72, 6.218, 348.276

Tritanomaly

72, 5.667, 305.752

Monochromacy



Original Color

72, 1.997, 324.414

Achromatopsia

72, 0.009, 296.813

Achromatomaly

72, 1.335, 324.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 1.997, 324.414 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, 179)` looks like.

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

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, 179) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 72, 1.997, 324.414 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, 179) }
```

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

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

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, 179)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 72, 1.997, 324.414 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, 179) }
```

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

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

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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