

Converting Colors

CIELCh(72, 3.114, 317.354)

Have a look what the booklet for
CIELCh(72, 3.114, 317.354) contains.

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Color

CIELCh(72, 3.126, 318.871)

Conversions

Conversions Part 1

Format	Color
Hex	B3AFB4
RGB	179, 175, 180
RGB Percent	70%, 69%, 71%
CMY	0.2972, 0.3129, 0.2933
CMYK	0.01, 0.03, 0.00, 0.29
HSL	288°, 3%, 70%
HSV	288°, 3%, 71%
XYZ	42.2742, 43.6590, 49.4962
YIQ	176.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

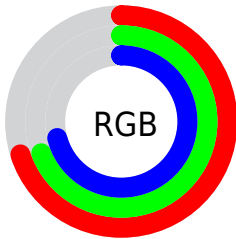
Format	Color
RYB	179, 175, 180
Decimal	11775924
CIELab	72.00, 2.35, -2.06
CIELCh	72, 3.126, 318.871
Yxy	43.6590, 0.3121, 0.3224
Android (android.graphics.Color)	4289966004 (0xFFB3AFB4)
YUV	176.7660, 1.5944, 1.9592
Hunter-Lab	66.0750, -1.4285, 1.8388

Details

The CIELCh color **72, 3.126, 318.871** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 3.104, 138.750**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 2.972, 318.826**, and **52, 2.628, 317.369** is the 20% darker color. If you saturate the color by 10%, you get **67, 14.499, 319.354**, and if you desaturate by 10%, it is **77, 8.016, 138.531**.

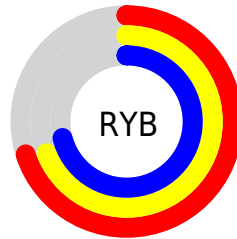
Distribution



Red (70%)

Green (69%)

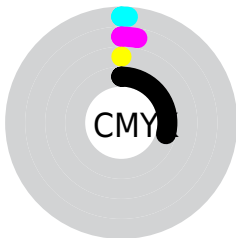
Blue (71%)



Red (70%)

Yellow (69%)

Blue (71%)

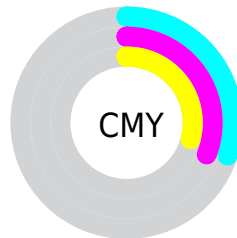


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.126, 318.871 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, 3.126, 318.871 by changing the saturation by 10% instead.

■ 72, 3.126, 318.871

■ 72, 3.126, 318.871

100, 3.126,
318.871

■ 62, 3.126, 318.871

■ 92, 3.126, 318.871

■ 52, 3.126, 318.871

■ 42, 3.126, 318.871

■ 32, 3.126, 318.871

■ 22, 3.126, 318.871

■ 12, 3.126, 318.871

■ 2, 3.126, 318.871

■ 0, 3.126, 318.871

■ 72, 3.126, 318.871

■ 72, 3.126, 318.871

67, 14.499,
319.354

77, 8.016, 138.531

62, 26.025,
319.803

82, 18.874,
138.116

57, 37.563,
320.240

87, 29.428,
137.738

53, 48.898,
320.645

92, 39.671,
137.388

49, 59.721,
320.992

95, 43.570,
136.463

45, 69.614,
321.246

95, 42.930,
135.048

42, 78.073,
321.363

95, 42.313,
133.573

39, 84.588,
321.300

95, 41.722,
132.038

37, 88.795,

95, 41.159,
130.444

Harmonies

Complementary

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



72, 3.126, 318.871



73, 3.104, 138.750

Rectangle

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



72, 3.126, 318.871



72, 3.126, 8.871



72, 3.126, 138.871



72, 3.126, 188.871

Sweetspot

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



72, 3.124, 318.867



92, 1.399, 318.685



72, 2.169, 279.769



49, 0.795, 318.674



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, 3.124, 318.867



91, 4.187, 318.885



72, 2.721, 333.690



37, 2.533, 318.924



31, 80.398, 320.803



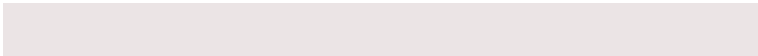
2, 14.929, 316.288

Inverse Universe

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



72, 1.963, 3.249



91, 2.633, 3.296



73, 2.704, 153.554



37, 1.595, 3.396



32, 62.990, 28.565



2, 9.411, 6.776

Previews

White Background



This preview shows how the CIELCh color 72, 3.126, 318.871 looks on a white background.

Color Contrast Check

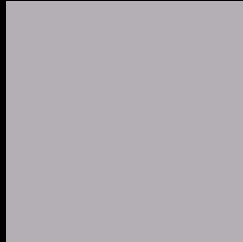
Large Text (above 18pt) WCAG AA × Fail

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, 3.126, 318.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

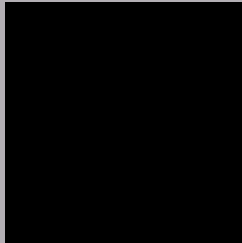
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 3.126, 318.871

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.126, 318.871.



This preview shows how white text looks on a background with the CIELCh color 72, 3.126, 318.871.

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, 3.126, 318.871

Protanopia

72, 2.963, 312.549

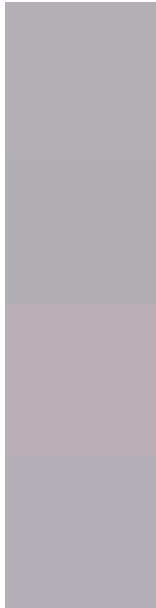
Deuteranopia

72, 9.305, 344.482



Tritanopia
72, 7.974, 306.878

Trichromacy



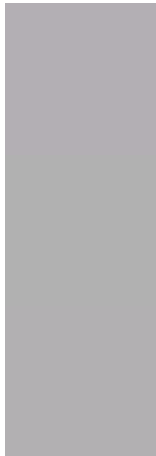
Original Color
72, 3.126, 318.871

Protanomaly
72, 2.963, 312.549

Deuteranomaly
72, 6.845, 340.514

Tritanomaly
72, 6.422, 310.871

Monochromacy



Original Color
72, 3.126, 318.871

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, 3.126, 318.871 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, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 180)  
}
```

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, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.126, 318.871 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, 175, 180) }
```

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

```
.border{ border-color:rgb(179, 175, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.126, 318.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 180) }
```

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

```
.background{ background-color: rgb(179,  
175, 180) }
```

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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