

Converting Colors

CIELCh(72, 2.219, 314.825)

Have a look what the booklet for
CIELCh(72, 2.219, 314.825) contains.

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Color

CIELCh(72, 1.811, 314.651)

Conversions

Conversions Part 1

Format	Color
Hex	B2B0B3
RGB	178, 176, 179
RGB Percent	70%, 69%, 70%
CMY	0.3027, 0.3106, 0.2988
CMYK	0.01, 0.02, 0.00, 0.30
HSL	280°, 2%, 70%
HSV	280°, 2%, 70%
XYZ	41.9157, 43.6590, 48.7585
YIQ	176.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

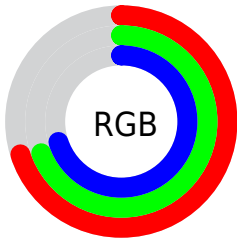
Format	Color
RYB	178, 176, 179
Decimal	11710643
CIELab	72.00, 1.27, -1.29
CIELCh	72, 1.811, 314.651
Yxy	43.6590, 0.3120, 0.3250
Android (android.graphics.Color)	4289900723 (0xFFB2B0B3)
YUV	176.9400, 1.0156, 0.9296
Hunter-Lab	66.0750, -2.3969, 2.5008

Details

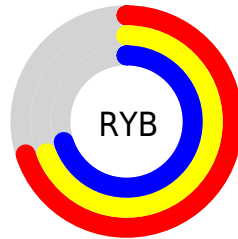
The CIELCh color **72, 1.811, 314.651** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 1.790, 134.679**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 1.722, 314.610**, and **52, 1.237, 309.066** is the 20% darker color. If you saturate the color by 10%, you get **67, 12.704, 315.127**, and if you desaturate by 10%, it is **77, 8.815, 134.357**.

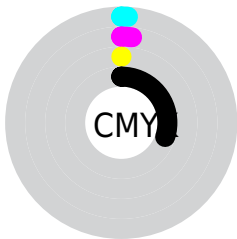
Distribution



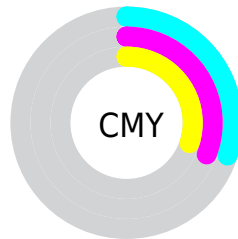
- Red (70%)
- Green (69%)
- Blue (70%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 1.811, 314.651 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, 1.811, 314.651 by changing the saturation by 10% instead.

■ 72, 1.811, 314.651

■ 72, 1.811, 314.651

100, 1.811,
314.651

■ 62, 1.811, 314.651

■ 92, 1.811, 314.651

■ 52, 1.811, 314.651

■ 42, 1.811, 314.651

■ 32, 1.811, 314.651

■ 22, 1.811, 314.651

■ 12, 1.811, 314.651

■ 2, 1.811, 314.651

■ 0, 1.811, 314.651

■ 72, 1.811, 314.651

■ 72, 1.811, 314.651

67, 12.704,
315.127

77, 8.815, 134.357

62, 23.821,
315.564

82, 19.144,
133.989

57, 35.068,
316.003

88, 29.172,
133.660

52, 46.291,
316.426

93, 38.902,
133.364

47, 57.245,
316.803

95, 42.436,
131.817

43, 67.566,
317.093

96, 41.526,
129.188

39, 76.757,
317.237

96, 40.704,
126.402

36, 84.230,
317.168

96, 39.983,
123.466

34, 89.443,

97, 39.372,
120.390

316.815

Harmonies

Complementary

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



72, 1.811, 314.651



73, 1.790, 134.679

Rectangle

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



72, 1.811, 314.651



72, 1.811, 4.651



72, 1.811, 134.651



72, 1.811, 184.651

Sweetspot

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



72, 1.809, 314.640



91, 1.337, 314.557



72, 1.131, 270.179



49, 0.767, 314.547



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, 1.809, 314.640



91, 2.667, 314.669



72, 1.799, 328.791



37, 1.220, 314.656



27, 82.230, 316.469



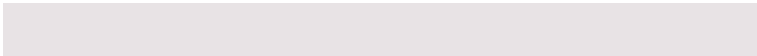
2, 14.330, 311.096

Inverse Universe

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



72, 1.258, 353.479



91, 1.855, 353.571



73, 1.783, 148.896



37, 0.849, 353.530



32, 58.808, 17.109



2, 9.821, 358.956

Previews

White Background



This preview shows how the CIELCh color 72, 1.811, 314.651 looks on a white background.

Color Contrast Check

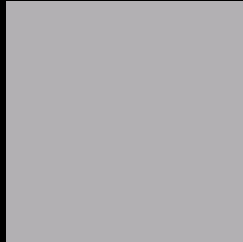
Large Text (above 18pt) WCAG AA × Fail

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, 1.811, 314.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

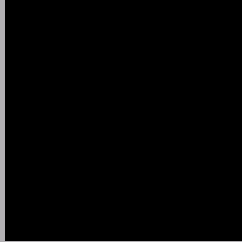
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

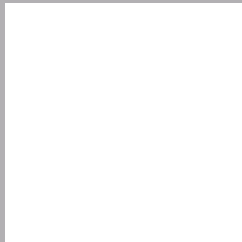
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 1.811, 314.651

Background



This preview shows how black text looks on a background with the CIELCh color 72, 1.811, 314.651.



This preview shows how white text looks on a background with the CIELCh color 72, 1.811, 314.651.

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, 1.811, 314.651

Protanopia

72, 1.997, 324.414

Deuteranopia

72, 9.328, 348.618



Tritanopia
72, 7.878, 304.316

Trichromacy



Original Color

72, 1.811, 314.651

Protanomaly

72, 1.997, 324.414

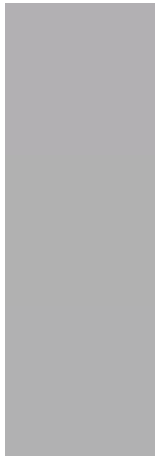
Deuteranomaly

72, 6.516, 344.206

Tritanomaly

72, 5.667, 305.752

Monochromacy



Original Color

72, 1.811, 314.651

Achromatopsia

72, 0.009, 296.813

Achromatomaly

72, 0.552, 290.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 1.811, 314.651 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(178, 176, 179)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 176, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 1.811, 314.651 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(178, 176, 179) }
```

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

```
.border{ border-color:rgb(178, 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(178, 176, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 1.811, 314.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 179) }
```

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

```
.background{ background-color: rgb(178,  
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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