

Converting Colors

CIELCh(72, 1.475, 206.635)

Have a look what the booklet for
CIELCh(72, 1.475, 206.635) contains.

CIELCh(72, 1.574, 219.858)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 1.574, 219.858)

Conversions

Conversions Part 1

Format	Color
Hex	ADB1B2
RGB	173, 177, 178
RGB Percent	68%, 69%, 70%
CMY	0.3207, 0.3050, 0.3011
CMYK	0.03, 0.01, 0.00, 0.30
HSL	192°, 3%, 69%
HSV	192°, 3%, 70%
XYZ	41.1013, 43.6590, 48.4917
YIQ	175.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

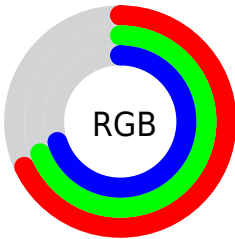
Format	Color
RYB	173, 175, 178
Decimal	11383218
CIELab	72.00, -1.21, -1.01
CIELCh	72, 1.574, 219.858
Yxy	43.6590, 0.3084, 0.3276
Android (android.graphics.Color)	4289573298 (0xFFADB1B2)
YUV	175.9180, 1.0264, -2.5591
Hunter-Lab	66.0750, -4.5970, 2.7402

Details

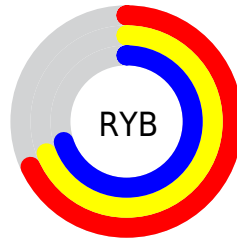
The CIELCh color `72, 1.574, 219.858` is a light color, and the websafe version is hex `999999`. A complement of this color would be `71, 1.597, 39.040`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 1.831, 216.043`, and `52, 1.314, 225.844` is the 20% darker color. If you saturate the color by 10%, you get `70, 7.008, 219.864`, and if you desaturate by 10%, it is `74, 4.109, 39.151`.

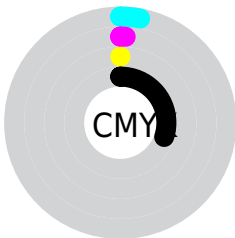
Distribution



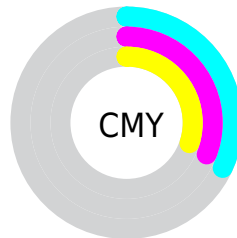
- Red (68%)
- Green (69%)
- Blue (70%)



- Red (68%)
- Yellow (69%)
- Blue (70%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 1.574, 219.858 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, 1.574, 219.858 by changing the saturation by 10% instead.

■ 72, 1.574, 219.858

■ 72, 1.574, 219.858

■ 100, 1.574,
219.858

■ 62, 1.574, 219.858

■ 92, 1.574, 219.858

■ 52, 1.574, 219.858

■ 42, 1.574, 219.858

■ 32, 1.574, 219.858

■ 22, 1.574, 219.858

■ 12, 1.574, 219.858

■ 2, 1.574, 219.858

■ 0, 1.574, 219.858

■ 72, 1.574, 219.858

■ 72, 1.574, 219.858

70, 7.008, 219.864

74, 4.109, 39.151

68, 12.122,
220.311

77, 9.981, 39.117

65, 16.836,
220.974

79, 15.991, 39.102

64, 21.068,
221.893

82, 22.097, 39.131

62, 24.737,
223.128

84, 25.451, 41.089

60, 27.777,
224.750

85, 24.907, 45.933

58, 30.148,
226.839

85, 24.554, 50.956

57, 31.856,
229.476

86, 24.399, 56.082

56, 32.968,
232.723

87, 24.446, 61.226

Harmonies

Complementary

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



72, 1.574, 219.858



71, 1.597, 39.040

Rectangle

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



72, 1.574, 219.858



72, 1.574, 269.858



72, 1.574, 39.858



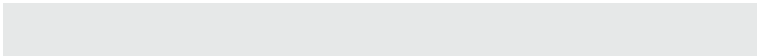
72, 1.574, 89.858

Sweetspot

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



72, 1.574, 219.789



92, 0.700, 220.296



72, 2.915, 149.879



49, 0.401, 220.343



96, 0.011, 296.813



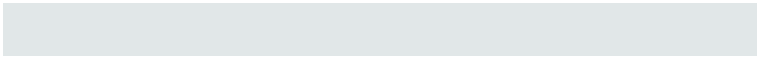
49, 0.007, 296.813

Same Dimension

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



72, 1.574, 219.789



91, 2.085, 219.770



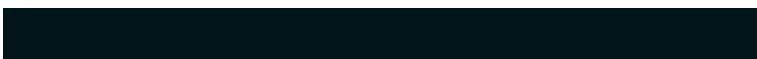
71, 1.951, 272.882



37, 1.270, 219.735



47, 29.958, 234.808



5, 7.509, 229.146

Inverse Universe

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



71, 2.898, 330.581



90, 3.840, 330.604



72, 1.936, 91.989



37, 2.343, 330.661



34, 67.761, 337.945



2, 13.332, 333.544

Previews

White Background



This preview shows how the CIELCh color 72, 1.574, 219.858 looks on a white background.

Color Contrast Check

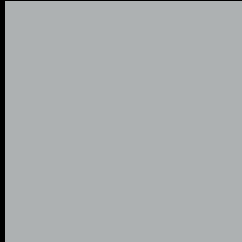
Large Text (above 18pt) WCAG AA × Fail

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, 1.574, 219.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

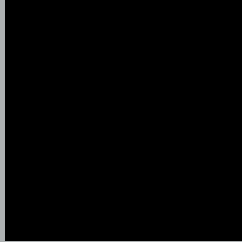
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

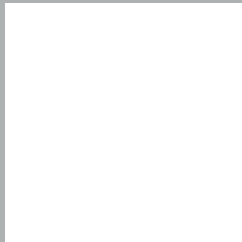
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 1.574, 219.858

Background



This preview shows how black text looks on a background with the CIELCh color 72, 1.574, 219.858.



This preview shows how white text looks on a background with the CIELCh color 72, 1.574, 219.858.

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, 1.574, 219.858

Protanopia

72, 1.868, 343.630

Deuteranopia

72, 9.065, 351.561



Tritanopia
72, 7.633, 290.929

Trichromacy



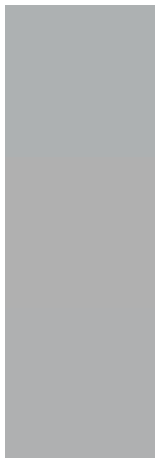
Original Color
72, 1.574, 219.858

Protanomaly
72, 0.672, 324.122

Deuteranomaly
72, 5.590, 344.112

Tritanomaly
72, 4.948, 282.176

Monochromacy



Original Color
72, 1.574, 219.858

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 0.662, 256.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 1.574, 219.858 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(173, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 178)  
}
```

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(173, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 1.574, 219.858 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(173, 177, 178) }
```

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

```
.border{ border-color:rgb(173, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 1.574, 219.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 178) }
```

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

```
.background{ background-color: rgb(173,  
177, 178) }
```

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