

Converting Colors

CIELCh(72, 4.633, 199.069)

Have a look what the booklet for
CIELCh(72, 4.633, 199.069) contains.

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Color

CIELCh(72, 4.767, 199.118)

Conversions

Conversions Part 1

Format	Color
Hex	A6B3B3
RGB	166, 179, 179
RGB Percent	65%, 70%, 70%
CMY	0.3486, 0.2976, 0.2976
CMYK	0.07, 0.00, 0.00, 0.30
HSL	180°, 8%, 68%
HSV	180°, 7%, 70%
XYZ	40.0358, 43.6590, 49.0199
YIQ	175.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

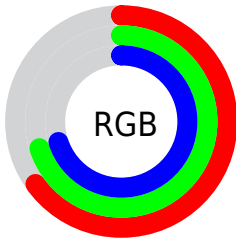
Format	Color
RYB	166, 173, 179
Decimal	10924979
CIELab	72.00, -4.50, -1.56
CIELCh	72, 4.767, 199.118
Yxy	43.6590, 0.3017, 0.3290
Android (android.graphics.Color)	4289115059 (0xFFA6B3B3)
YUV	175.1130, 1.9163, -7.9921
Hunter-Lab	66.0750, -7.4753, 2.2662

Details

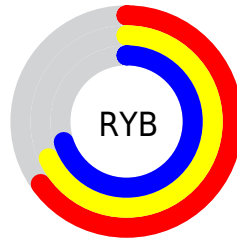
The CIELCh color **72, 4.767, 199.118** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 4.987, 19.731**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 4.893, 199.203**, and **52, 4.670, 198.991** is the 20% darker color. If you saturate the color by 10%, you get **71, 11.036, 198.527**, and if you desaturate by 10%, it is **73, 1.840, 19.264**.

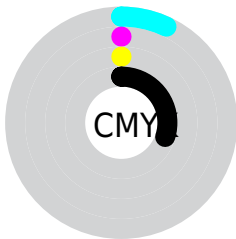
Distribution



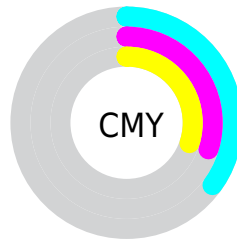
- Red (65%)
- Green (70%)
- Blue (70%)



- Red (65%)
- Yellow (68%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (35%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.767, 199.118 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, 4.767, 199.118 by changing the saturation by 10% instead.

■ 72, 4.767, 199.118

■ 72, 4.767, 199.118

■ 100, 4.767,
199.118

■ 62, 4.767, 199.118

■ 92, 4.767, 199.118

■ 52, 4.767, 199.118

■ 42, 4.767, 199.118

■ 32, 4.767, 199.118

■ 22, 4.767, 199.118

■ 12, 4.767, 199.118

■ 2, 4.767, 199.118

■ 0, 4.767, 199.118

■ 72, 4.767, 199.118

■ 72, 4.767, 199.118

71, 11.036,
198.527

73, 1.840, 19.264

70, 16.863,
198.043

75, 8.698, 20.058

69, 22.142,
197.618

77, 15.724, 20.680

68, 26.773,
197.252

80, 29.771, 21.902

67, 30.667,
196.950

80, 29.771, 21.898

67, 33.763,
196.712

80, 29.771, 21.894

67, 36.035,
196.539

80, 29.771, 21.890

66, 37.507,
196.426

80, 29.770, 21.886

66, 38.283,

Harmonies

Complementary

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



72, 4.767, 199.118



69, 4.987, 19.731

Rectangle

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



72, 4.767, 199.118



72, 4.767, 249.118



72, 4.767, 19.118



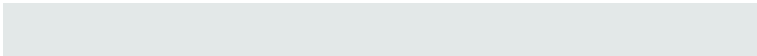
72, 4.767, 69.118

Sweetspot

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



72, 4.768, 199.099



92, 1.640, 199.651



72, 8.604, 143.621



49, 0.940, 199.678



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, 4.768, 199.099



91, 7.262, 198.978



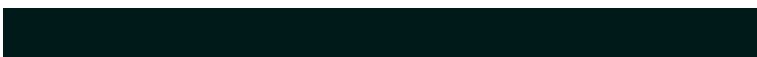
70, 4.193, 254.575



37, 3.691, 198.968



57, 34.232, 196.353



7, 9.138, 199.075

Inverse Universe

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



69, 4.987, 19.731



86, 7.688, 19.881



71, 4.266, 72.656



35, 3.911, 19.894



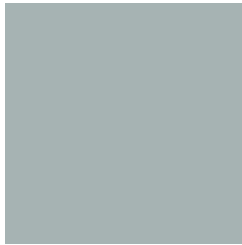
31, 70.922, 39.517



2, 9.156, 19.391

Previews

White Background



This preview shows how the CIELCh color 72, 4.767, 199.118 looks on a white background.

Color Contrast Check

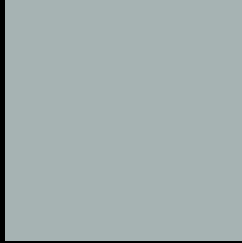
Large Text (above 18pt) WCAG AA × Fail

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, 4.767, 199.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

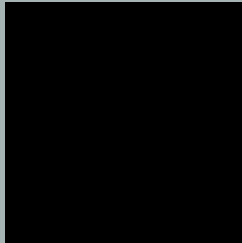
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

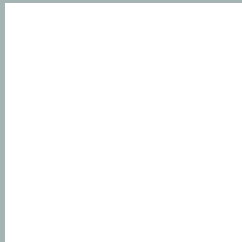
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.767, 199.118

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.767, 199.118.

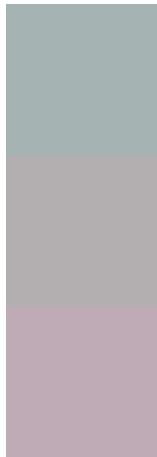


This preview shows how white text looks on a background with the CIELCh color 72, 4.767, 199.118.

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, 4.767, 199.118

Protanopia
72, 1.868, 343.630

Deuteranopia
72, 9.305, 344.482



Tritanopia
72, 8.209, 267.866

Trichromacy



Original Color
72, 4.767, 199.118

Protanomaly
72, 1.315, 255.945

Deuteranomaly
72, 4.456, 332.552

Tritanomaly
72, 6.235, 251.193

Monochromacy



Original Color
72, 4.767, 199.118

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 1.488, 199.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.767, 199.118 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(166, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 179, 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(166, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 179, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.767, 199.118 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(166, 179, 179) }
```

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

```
.border{ border-color:rgb(166, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 179,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.767, 199.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 179, 179) }
```

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

```
.background{ background-color: rgb(166,  
179, 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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