

Converting Colors

CIELCh(72, 4.324, 196.801)

Have a look what the booklet for
CIELCh(72, 4.324, 196.801) contains.

CIELCh(72, 4.406, 199.157)	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, 4.406, 199.157)

Conversions

Conversions Part 1

Format	Color
Hex	A7B3B3
RGB	167, 179, 179
RGB Percent	65%, 70%, 70%
CMY	0.3455, 0.2984, 0.2984
CMYK	0.07, 0.00, 0.00, 0.30
HSL	180°, 7%, 68%
HSV	180°, 7%, 70%
XYZ	40.1456, 43.6590, 48.9093
YIQ	175.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

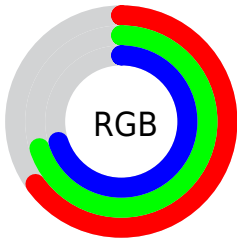
Format	Color
RYB	167, 173, 179
Decimal	10990515
CIELab	72.00, -4.16, -1.45
CIELCh	72, 4.406, 199.157
Yxy	43.6590, 0.3025, 0.3290
Android (android.graphics.Color)	4289180595 (0xFFA7B3B3)
YUV	175.4120, 1.7689, -7.3773
Hunter-Lab	66.0750, -7.1789, 2.3655

Details

The CIELCh color **72, 4.406, 199.157** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 4.594, 19.686**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 4.548, 199.236**, and **52, 4.289, 199.039** is the 20% darker color. If you saturate the color by 10%, you get **71, 10.691, 198.555**, and if you desaturate by 10%, it is **73, 2.211, 19.341**.

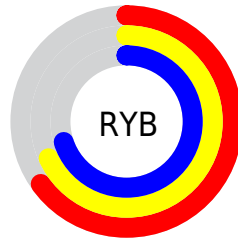
Distribution



Red (65%)

Green (70%)

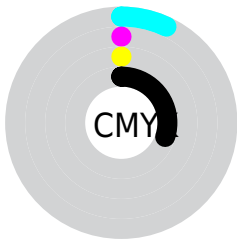
Blue (70%)



Red (65%)

Yellow (68%)

Blue (70%)

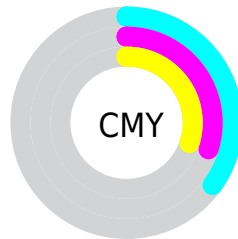


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (30%)



Cyan (35%)

Magenta (30%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.406, 199.157 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, 4.406, 199.157 by changing the saturation by 10% instead.

■ 72, 4.406, 199.157

■ 72, 4.406, 199.157

■ 100, 4.406,
199.157

■ 62, 4.406, 199.157

■ 92, 4.406, 199.157

■ 52, 4.406, 199.157

■ 42, 4.406, 199.157

■ 32, 4.406, 199.157

■ 22, 4.406, 199.157

■ 12, 4.406, 199.157

■ 2, 4.406, 199.157

■ 0, 4.406, 199.157

■ 72, 4.406, 199.157

■ 72, 4.406, 199.157

71, 10.691,
198.555

73, 2.211, 19.341

70, 16.539,
198.067

75, 9.074, 20.092

69, 21.847,
197.639

77, 16.102, 20.714

68, 26.512,
197.270

80, 29.858, 21.910

67, 30.446,
196.964

80, 29.857, 21.906

67, 33.585,
196.723

80, 29.857, 21.902

66, 35.901,
196.546

80, 29.857, 21.898

66, 37.414,
196.430

80, 29.857, 21.894

66, 38.218,

Harmonies

Complementary

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



72, 4.406, 199.157



69, 4.594, 19.686

Rectangle

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



72, 4.406, 199.157



72, 4.406, 249.157



72, 4.406, 19.157



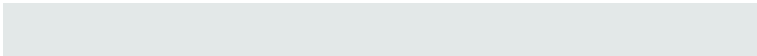
72, 4.406, 69.157

Sweetspot

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



72, 4.407, 199.137



92, 1.640, 199.651



72, 7.938, 143.656



49, 0.940, 199.677



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, 4.407, 199.137



91, 6.472, 199.041



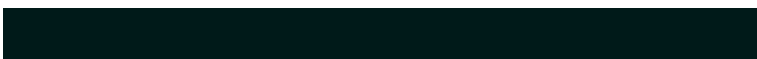
70, 3.872, 254.509



37, 3.691, 198.967



57, 34.232, 196.352



7, 9.138, 199.074

Inverse Universe

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



69, 4.594, 19.686



87, 6.806, 19.801



71, 3.932, 72.714



35, 3.911, 19.894



31, 70.922, 39.517



2, 9.156, 19.390

Previews

White Background



This preview shows how the CIELCh color 72, 4.406, 199.157 looks on a white background.

Color Contrast Check

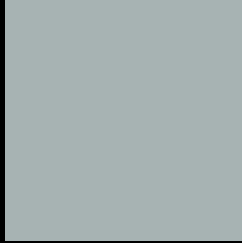
Large Text (above 18pt) WCAG AA × Fail

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, 4.406, 199.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

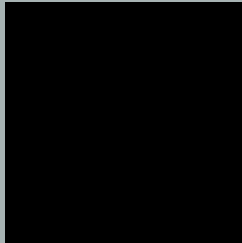
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

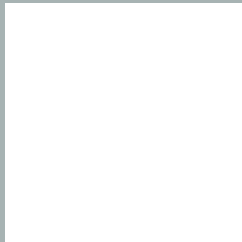
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.406, 199.157

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.406, 199.157.



This preview shows how white text looks on a background with the CIELCh color 72, 4.406, 199.157.

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

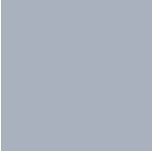
72, 4.406, 199.157

Protanopia

72, 1.868, 343.630

Deuteranopia

72, 9.305, 344.482



Tritanopia
72, 8.085, 270.193

Trichromacy



Original Color
72, 4.406, 199.157

Protanomaly
72, 1.153, 271.520

Deuteranomaly
72, 4.456, 332.552

Tritanomaly
72, 6.023, 253.859

Monochromacy



Original Color
72, 4.406, 199.157

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, 4.406, 199.157 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(167, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 179, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.406, 199.157 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(167, 179, 179) }
```

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

```
.border{ border-color:rgb(167, 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(167, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(167, 179,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.406, 199.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 179, 179) }
```

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

```
.background{ background-color: rgb(167,  
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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