

Converting Colors

CIELCh(72, 8.015, 197.380)

Have a look what the booklet for
CIELCh(72, 8.015, 197.380) contains.

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Color

CIELCh(72, 7.952, 198.821)

Conversions

Conversions Part 1

Format	Color
Hex	9FB5B5
RGB	159, 181, 181
RGB Percent	62%, 71%, 71%
CMY	0.3771, 0.2909, 0.2909
CMYK	0.12, 0.00, 0.00, 0.29
HSL	180°, 13%, 67%
HSV	180°, 12%, 71%
XYZ	39.0750, 43.6590, 49.9896
YIQ	174.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

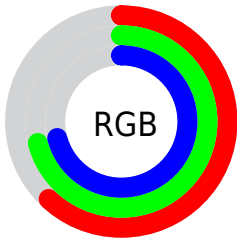
Format	Color
RYB	159, 170, 181
Decimal	10466741
CIELab	72.00, -7.53, -2.57
CIELCh	72, 7.952, 198.821
Yxy	43.6590, 0.2944, 0.3289
Android (android.graphics.Color)	4288656821 (0xFF9FB5B5)
YUV	174.4220, 3.2430, -13.5251
Hunter-Lab	66.0750, -10.0711, 1.3961

Details

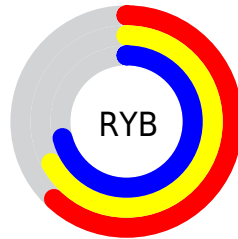
The CIELCh color **72, 7.952, 198.821** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 8.585, 20.129**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 7.952, 198.953**, and **52, 8.003, 198.615** is the 20% darker color. If you saturate the color by 10%, you get **71, 14.064, 198.291**, and if you desaturate by 10%, it is **73, 1.449, 199.630**.

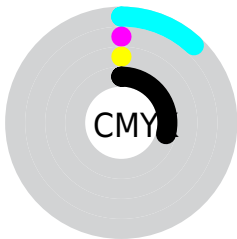
Distribution



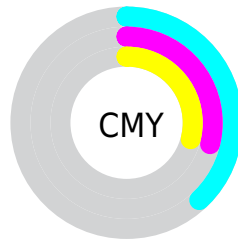
- Red (62%)
- Green (71%)
- Blue (71%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 7.952, 198.821 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, 7.952, 198.821 by changing the saturation by 10% instead.

■ 72, 7.952, 198.821

■ 72, 7.952, 198.821

■ 100, 7.952,
198.821

■ 62, 7.952, 198.821

■ 92, 7.952, 198.821

■ 52, 7.952, 198.821

■ 42, 7.952, 198.821

■ 32, 7.952, 198.821

■ 22, 7.952, 198.821

■ 12, 7.952, 198.821

■ 2, 7.952, 198.821

■ 0, 7.952, 198.821

■ 72, 7.952, 198.821

■ 72, 7.952, 198.821

71, 14.064,
198.291

73, 1.449, 199.630

70, 19.678,
197.836

75, 5.350, 19.744

69, 24.688,
197.441

76, 12.357, 20.386

68, 28.998,
197.107

80, 26.718, 21.629

68, 32.530,
196.837

80, 29.023, 21.826

67, 35.239,
196.632

80, 29.023, 21.824

67, 37.122,
196.490

80, 29.023, 21.822

67, 38.230,
196.407

80, 29.023, 21.820

67, 38.720,

Harmonies

Complementary

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



72, 7.952, 198.821



67, 8.585, 20.129

Rectangle

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



72, 7.952, 198.821



72, 7.952, 248.821



72, 7.952, 18.821



72, 7.952, 68.821

Sweetspot

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



72, 7.953, 198.810



92, 3.295, 199.362



71, 14.579, 143.308



49, 2.336, 199.293



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, 7.953, 198.810



90, 12.014, 198.642



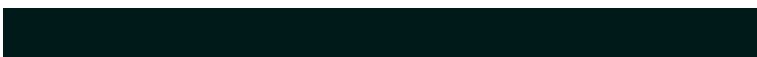
69, 7.058, 255.218



37, 3.691, 198.977



57, 34.229, 196.370



7, 9.138, 199.089

Inverse Universe

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



67, 8.585, 20.129



83, 13.239, 20.382



70, 7.293, 72.104



35, 3.911, 19.903



31, 70.926, 39.522



2, 9.156, 19.398

Previews

White Background



This preview shows how the CIELCh color 72, 7.952, 198.821 looks on a white background.

Color Contrast Check

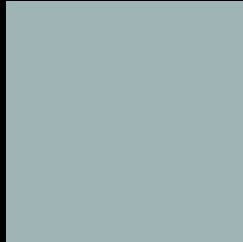
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 7.952, 198.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

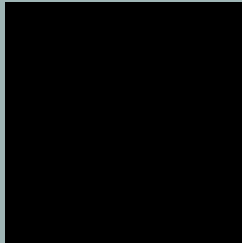
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

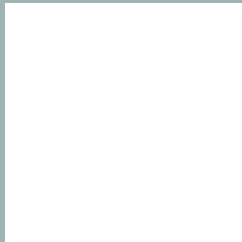
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 7.952, 198.821

Background



This preview shows how black text looks on a background with the CIELCh color 72, 7.952, 198.821.



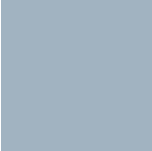
This preview shows how white text looks on a background with the CIELCh color 72, 7.952, 198.821.

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](#).

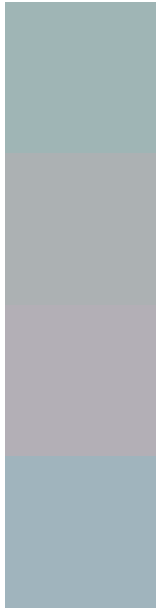
Dichromacy





Tritanopia
72, 9.778, 250.522

Trichromacy



Original Color
72, 7.952, 198.821

Protanomaly
72, 2.132, 230.256

Deuteranomaly
72, 4.114, 311.650

Tritanomaly
72, 8.519, 234.197

Monochromacy



Original Color
72, 7.952, 198.821

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.961, 199.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 7.952, 198.821 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(159, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 181)  
}
```

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(159, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 7.952, 198.821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

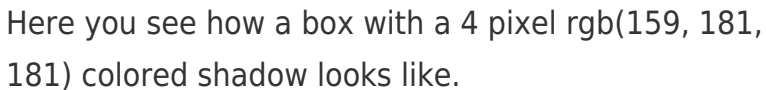
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 181, 181) }
```

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

```
.border{ border-color:rgb(159, 181, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 7.952, 198.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 181) }
```

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

```
.background{ background-color: rgb(159,  
181, 181) }
```

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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