

Converting Colors

CIELCh(72, 8.690, 195.376)

Have a look what the booklet for
CIELCh(72, 8.690, 195.376) contains.

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Color

CIELCh(72, 8.700, 195.149)

Conversions

Conversions Part 1

Format	Color
Hex	9DB5B4
RGB	157, 181, 180
RGB Percent	62%, 71%, 71%
CMY	0.3833, 0.2891, 0.2931
CMYK	0.13, 0.00, 0.01, 0.29
HSL	177°, 14%, 66%
HSV	177°, 13%, 71%
XYZ	38.8010, 43.6590, 49.7065
YIQ	173.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

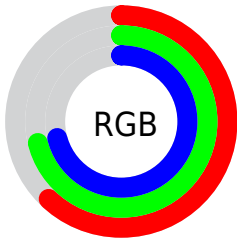
Format	Color
RYB	157, 169, 181
Decimal	10335668
CIELab	72.00, -8.40, -2.27
CIELCh	72, 8.700, 195.149
Yxy	43.6590, 0.2936, 0.3303
Android (android.graphics.Color)	4288525748 (0xFF9DB5B4)
YUV	173.7100, 3.1010, -14.6547
Hunter-Lab	66.0750, -10.8111, 1.6502

Details

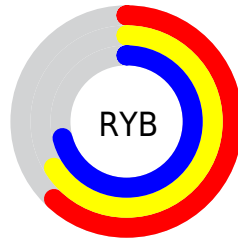
The CIELCh color **72, 8.700, 195.149** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 9.399, 16.877**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 8.666, 195.465**, and **52, 8.790, 194.715** is the 20% darker color. If you saturate the color by 10%, you get **71, 14.851, 194.494**, and if you desaturate by 10%, it is **73, 2.178, 195.954**.

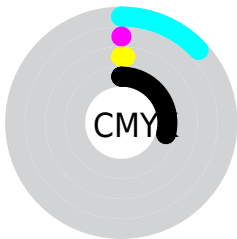
Distribution



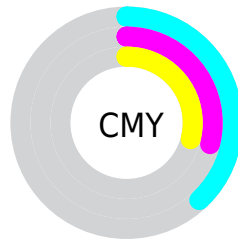
- Red (62%)
- Green (71%)
- Blue (71%)



- Red (62%)
- Yellow (66%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.700, 195.149 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, 8.700, 195.149 by changing the saturation by 10% instead.

■ 72, 8.700, 195.149

■ 72, 8.700, 195.149

■ 100, 8.700,
195.149

■ 62, 8.700, 195.149

■ 92, 8.700, 195.149

■ 52, 8.700, 195.149

■ 42, 8.700, 195.149

■ 32, 8.700, 195.149

■ 22, 8.700, 195.149

■ 12, 8.700, 195.149

■ 2, 8.700, 195.149

■ 0, 8.700, 195.149

■ 72, 8.700, 195.149

■ 72, 8.700, 195.149

71, 14.851,
194.494

73, 2.178, 195.954

70, 20.521,
193.883

75, 4.619, 16.263

69, 25.603,
193.298

76, 11.605, 16.992

68, 29.996,
192.734

78, 18.707, 17.677

68, 33.618,
192.187

80, 25.865, 18.354

67, 36.421,
191.650

81, 28.657, 18.137

67, 38.399,
191.112

81, 28.637, 17.345

67, 39.602,
190.562

81, 28.623, 16.553

67, 40.128,

81, 28.614, 15.760

Harmonies

Complementary

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



72, 8.700, 195.149



67, 9.399, 16.877

Rectangle

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



72, 8.700, 195.149



72, 8.700, 245.149



72, 8.700, 15.149



72, 8.700, 65.149

Sweetspot

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



72, 8.701, 195.140



92, 3.307, 195.854



72, 15.741, 142.371



49, 2.345, 195.777



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, 8.701, 195.140



90, 12.862, 194.940



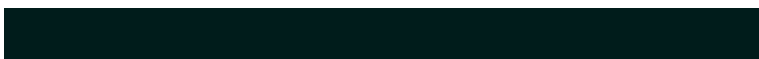
69, 7.510, 251.530



38, 3.795, 195.411



58, 35.825, 190.254



8, 10.646, 193.007

Inverse Universe

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



67, 9.399, 16.877



83, 14.157, 17.158



70, 7.842, 68.276



36, 4.005, 16.531



32, 70.295, 37.903



2, 10.655, 16.862

Previews

White Background



This preview shows how the CIELCh color 72, 8.700, 195.149 looks on a white background.

Color Contrast Check

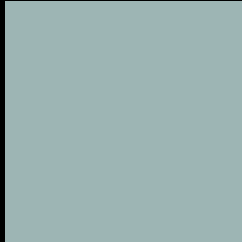
Large Text (above 18pt) WCAG AA × Fail

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, 8.700, 195.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

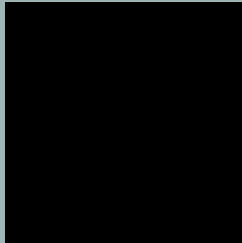
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

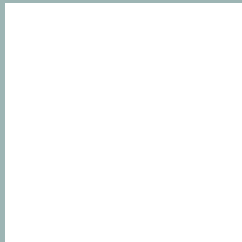
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.700, 195.149

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.700, 195.149.



This preview shows how white text looks on a background with the CIELCh color 72, 8.700, 195.149.

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, 10.393, 251.105

Trichromacy



Original Color
72, 8.700, 195.149

Protanomaly
72, 2.278, 213.291

Deuteranomaly
72, 3.473, 309.179

Tritanomaly
72, 8.801, 232.894

Monochromacy



Original Color
72, 8.700, 195.149

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.384, 189.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.700, 195.149 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(157, 181, 180)` looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 180)  
}
```

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(157, 181, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.700, 195.149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

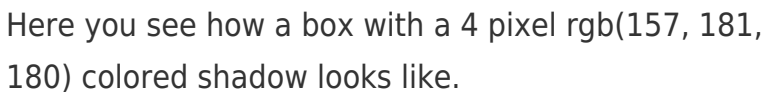
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 181, 180) }
```

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

```
.border{ border-color:rgb(157, 181, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 181, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 181, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 181, 180); box-shadow:4px 4px 4px 4px rgb(157, 181, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.700, 195.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 181, 180) }
```

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

```
.background{ background-color: rgb(157,  
181, 180) }
```

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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