

Converting Colors

CIELCh(72, 9.353, 194.949)

Have a look what the booklet for
CIELCh(72, 9.353, 194.949) contains.

CIELCh(72, 9.385, 195.357)	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, 9.385, 195.357)

Conversions

Conversions Part 1

Format	Color
Hex	9CB6B5
RGB	156, 182, 181
RGB Percent	61%, 71%, 71%
CMY	0.3896, 0.2877, 0.2916
CMYK	0.14, 0.00, 0.01, 0.29
HSL	178°, 15%, 66%
HSV	178°, 14%, 71%
XYZ	38.5967, 43.6590, 49.9119
YIQ	174.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

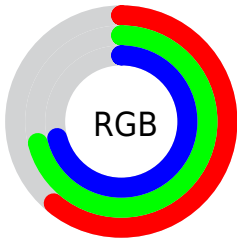
Format	Color
RYB	156, 169, 182
Decimal	10270389
CIELab	72.00, -9.05, -2.49
CIELCh	72, 9.385, 195.357
Yxy	43.6590, 0.2920, 0.3303
Android (android.graphics.Color)	4288460469 (0xFF9CB6B5)
YUV	174.1120, 3.3958, -15.8842
Hunter-Lab	66.0750, -11.3631, 1.4658

Details

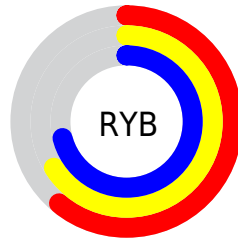
The CIELCh color **72, 9.385, 195.357** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 10.212, 17.234**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 9.330, 195.663**, and **52, 9.497, 194.930** is the 20% darker color. If you saturate the color by 10%, you get **71, 15.493, 194.718**, and if you desaturate by 10%, it is **73, 2.892, 196.099**.

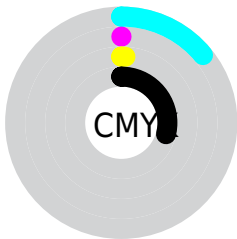
Distribution



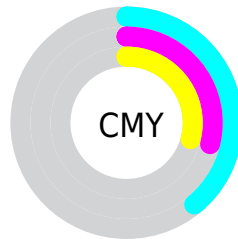
- Red (61%)
- Green (71%)
- Blue (71%)



- Red (61%)
- Yellow (66%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (39%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.385, 195.357 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, 9.385, 195.357 by changing the saturation by 10% instead.

72, 9.385, 195.357

72, 9.385, 195.357

100, 9.385,
195.357

62, 9.385, 195.357

92, 9.385, 195.357

52, 9.385, 195.357

42, 9.385, 195.357

32, 9.385, 195.357

22, 9.385, 195.357

12, 9.385, 195.357

2, 9.385, 195.357

0, 9.385, 195.357

72, 9.385, 195.357

72, 9.385, 195.357

71, 15.493,
194.718

73, 2.892, 196.099

70, 21.105,
194.122

75, 3.889, 16.437

69, 26.114,
193.553

76, 10.870, 17.178

68, 30.421,
193.009

78, 17.976, 17.860

68, 33.948,
192.485

80, 25.147, 18.534

67, 36.650,
191.973

81, 28.513, 18.460

67, 38.528,
191.464

81, 28.492, 17.725

67, 39.639,
190.946

81, 28.476, 16.989

67, 40.070,

81, 28.466, 16.253

190.649

Harmonies

Complementary

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



72, 9.385, 195.357



67, 10.212, 17.234

Rectangle

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



72, 9.385, 195.357



72, 9.385, 245.357



72, 9.385, 15.357



72, 9.385, 65.357

Sweetspot

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



72, 9.386, 195.349



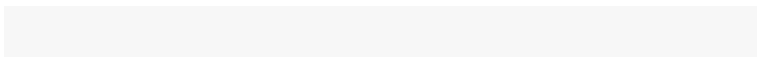
93, 3.334, 196.125



71, 17.045, 142.303



50, 2.385, 196.048



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 9.386, 195.349



91, 13.739, 195.156



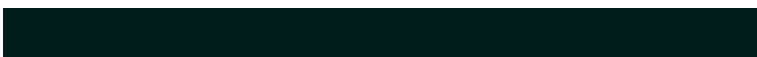
69, 8.119, 251.679



38, 3.794, 195.687



58, 35.721, 190.716



8, 10.634, 193.369

Inverse Universe

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



67, 10.212, 17.234



83, 15.230, 17.514



70, 8.512, 68.159



36, 4.005, 16.793



32, 70.415, 38.037



2, 10.653, 17.059

Previews

White Background



This preview shows how the CIELCh color 72, 9.385, 195.357 looks on a white background.

Color Contrast Check

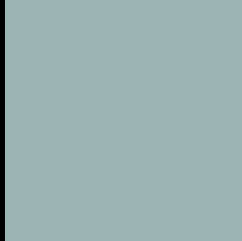
Large Text (above 18pt) WCAG AA × Fail

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, 9.385, 195.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

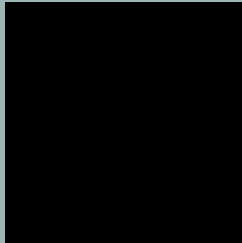
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

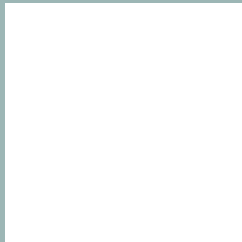
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.385, 195.357

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.385, 195.357.



This preview shows how white text looks on a background with the CIELCh color 72, 9.385, 195.357.

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](#).

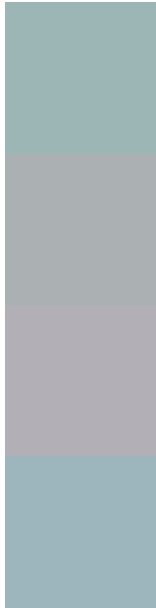
Dichromacy





Tritanopia
72, 10.666, 244.774

Trichromacy



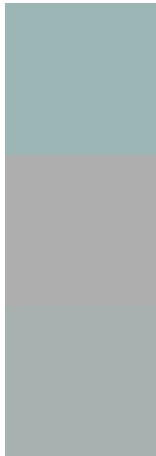
Original Color
72, 9.385, 195.357

Protanomaly
72, 2.278, 213.291

Deuteranomaly
72, 3.992, 306.692

Tritanomaly
72, 9.426, 226.459

Monochromacy



Original Color
72, 9.385, 195.357

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.746, 190.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.385, 195.357 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(156, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(156, 182, 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(156, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 182, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.385, 195.357 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(156, 182, 181) }
```

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

```
.border{ border-color:rgb(156, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(156, 182,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.385, 195.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 182, 181) }
```

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

```
.background{ background-color: rgb(156,  
182, 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](#).

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