

Converting Colors

CIELCh(71, 5.777, 212.757)

Have a look what the booklet for
CIELCh(71, 5.777, 212.757) contains.

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Color

CIELCh(71, 5.905, 209.699)

Conversions

Conversions Part 1

Format	Color
Hex	A1B1B3
RGB	161, 177, 179
RGB Percent	63%, 69%, 70%
CMY	0.3693, 0.3065, 0.2987
CMYK	0.10, 0.01, 0.00, 0.30
HSL	187°, 11%, 67%
HSV	187°, 10%, 70%
XYZ	38.4750, 42.1875, 48.6755
YIQ	172.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

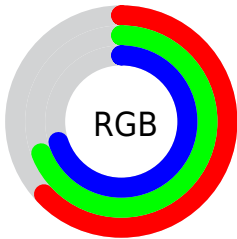
Format	Color
RYB	161, 169, 179
Decimal	10596787
CIELab	71.00, -5.13, -2.93
CIELCh	71, 5.905, 209.699
Yxy	42.1875, 0.2975, 0.3262
Android (android.graphics.Color)	4288786867 (0xFFA1B1B3)
YUV	172.4440, 3.2321, -10.0364
Hunter-Lab	64.9519, -7.9295, 1.0339

Details

The CIELCh color **71, 5.905, 209.699** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 6.299, 29.858**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.981, 209.116**, and **51, 5.867, 210.372** is the 20% darker color. If you saturate the color by 10%, you get **69, 11.435, 209.613**, and if you desaturate by 10%, it is **73, 0.039, 222.798**.

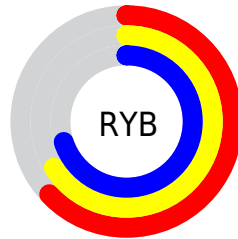
Distribution



Red (63%)

Green (69%)

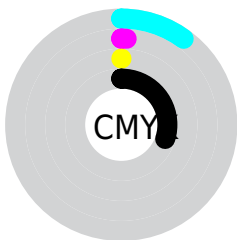
Blue (70%)



Red (63%)

Yellow (66%)

Blue (70%)

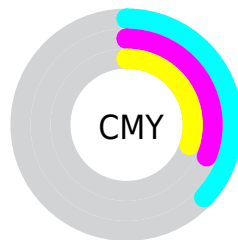


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (37%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.905, 209.699 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 71, 5.905, 209.699 by changing the saturation by 10% instead.

■ 71, 5.905, 209.699

■ 71, 5.905, 209.699

■ 100, 5.905,
209.699

■ 61, 5.905, 209.699

■ 91, 5.905, 209.699

■ 51, 5.905, 209.699

■ 41, 5.905, 209.699

■ 31, 5.905, 209.699

■ 21, 5.905, 209.699

■ 11, 5.905, 209.699

■ 1, 5.905, 209.699

■ 0, 5.905, 209.699

■ 71, 5.905, 209.699

■ 71, 5.905, 209.699

69, 11.435,
209.613

73, 0.039, 222.798

68, 16.536,
209.686

75, 6.087, 29.824

77, 12.402, 30.111

66, 21.114,
209.911

79, 18.850, 30.410

65, 25.076,
210.317

81, 25.384, 30.730

82, 26.725, 32.533

64, 28.337,
210.942

83, 26.219, 34.950

62, 30.840,
211.825

83, 25.764, 37.460

84, 25.360, 40.057

61, 32.562,
213.012

61, 33.532,
214.543

60, 33.944,

Harmonies

Complementary

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



71, 5.905, 209.699



68, 6.299, 29.858

Rectangle

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



71, 5.905, 209.699



71, 5.905, 259.699



71, 5.905, 29.699



71, 5.905, 79.699

Sweetspot

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



71, 5.906, 209.683



91, 2.214, 209.953



71, 11.200, 146.684



49, 1.689, 209.884



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 5.906, 209.683



89, 8.653, 209.654



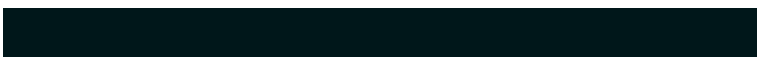
69, 6.440, 266.793



37, 3.325, 209.696



52, 30.281, 216.092



6, 7.914, 215.108

Inverse Universe

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



68, 11.137, 328.161



85, 16.433, 328.290



71, 6.496, 84.121



35, 6.255, 328.116



35, 72.440, 333.127



2, 14.516, 329.276

Previews

White Background



This preview shows how the CIE LCh color 71, 5.905, 209.699 looks on a white background.

Color Contrast Check

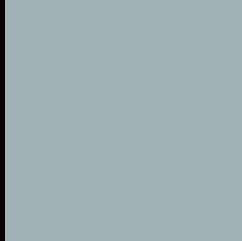
Large Text (above 18pt) WCAG AA × Fail

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 71, 5.905, 209.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

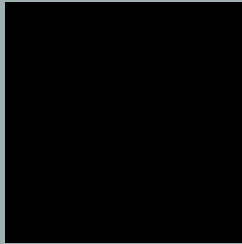
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

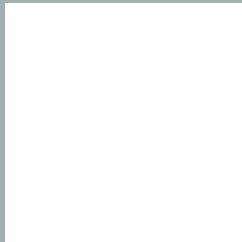
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.905, 209.699

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.905, 209.699.

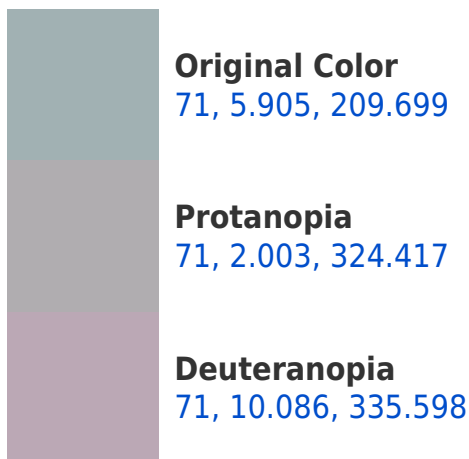


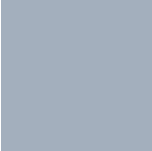
This preview shows how white text looks on a background with the CIELCh color 71, 5.905, 209.699.

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](#).

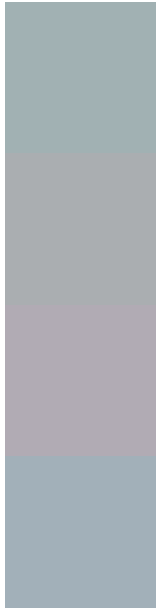
Dichromacy





Tritanopia
71, 8.669, 261.381

Trichromacy



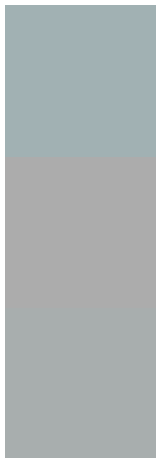
Original Color
71, 5.905, 209.699

Protanomaly
71, 2.194, 247.925

Deuteranomaly
71, 5.432, 314.843

Tritanomaly
71, 6.949, 244.280

Monochromacy



Original Color
71, 5.905, 209.699

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 2.231, 199.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.905, 209.699 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(161, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(161, 177, 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(161, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 177, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.905, 209.699 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(161, 177, 179) }
```

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

```
.border{ border-color:rgb(161, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(161, 177,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.905, 209.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 177, 179) }
```

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

```
.background{ background-color: rgb(161,  
177, 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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