

Converting Colors

CIELCh(71, 6.442, 199.130)

Have a look what the booklet for
CIELCh(71, 6.442, 199.130) contains.

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Color

CIELCh(71, 6.212, 198.970)

Conversions

Conversions Part 1

Format	Color
Hex	A0B1B1
RGB	160, 177, 177
RGB Percent	63%, 69%, 69%
CMY	0.3719, 0.3052, 0.3052
CMYK	0.10, 0.00, 0.00, 0.31
HSL	180°, 10%, 66%
HSV	180°, 10%, 69%
XYZ	38.2428, 42.1875, 47.8153
YIQ	171.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

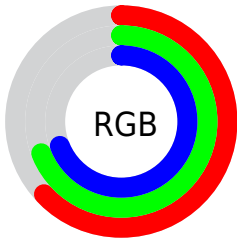
Format	Color
RYB	160, 169, 177
Decimal	10531249
CIELab	71.00, -5.87, -2.02
CIELCh	71, 6.212, 198.970
Yxy	42.1875, 0.2982, 0.3290
Android (android.graphics.Color)	4288721329 (0xFFA0B1B1)
YUV	171.9170, 2.5059, -10.4512
Hunter-Lab	64.9519, -8.5674, 1.8191

Details

The CIELCh color **71, 6.212, 198.970** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 6.595, 19.920**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 6.274, 199.079**, and **51, 6.192, 198.802** is the 20% darker color. If you saturate the color by 10%, you get **70, 12.333, 198.414**, and if you desaturate by 10%, it is **72, 0.267, 17.529**.

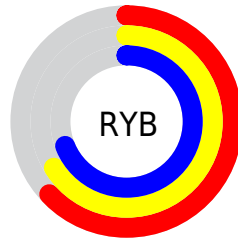
Distribution



Red (63%)

Green (69%)

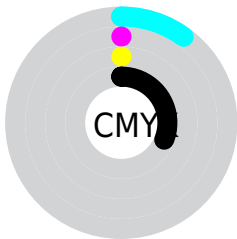
Blue (69%)



Red (63%)

Yellow (66%)

Blue (69%)

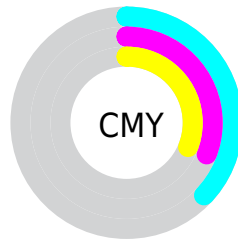


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (37%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.212, 198.970 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, 6.212, 198.970 by changing the saturation by 10% instead.

■ 71, 6.212, 198.970

■ 71, 6.212, 198.970

■ 100, 6.212,
198.970

■ 61, 6.212, 198.970

■ 91, 6.212, 198.970

■ 51, 6.212, 198.970

■ 41, 6.212, 198.970

■ 31, 6.212, 198.970

■ 21, 6.212, 198.970

■ 11, 6.212, 198.970

■ 1, 6.212, 198.970

■ 0, 6.212, 198.970

■ 71, 6.212, 198.970

■ 71, 6.212, 198.970

70, 12.333,
198.414

72, 0.267, 17.529

69, 17.992,
197.945

74, 7.014, 19.912

68, 23.085,
197.534

75, 13.946, 20.539

67, 27.514,
197.183

79, 28.106, 21.781

67, 31.197,
196.896

80, 30.614, 21.999

66, 34.079,
196.674

80, 30.613, 21.996

66, 36.146,
196.516

80, 30.613, 21.993

66, 37.433,
196.417

80, 30.613, 21.990

66, 38.116,

Harmonies

Complementary

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



71, 6.212, 198.970



67, 6.595, 19.920

Rectangle

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



71, 6.212, 198.970



71, 6.212, 248.970



71, 6.212, 18.970



71, 6.212, 68.970

Sweetspot

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



71, 6.213, 198.956



91, 2.433, 199.476



71, 11.295, 143.474



48, 1.839, 199.381



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 6.213, 198.956



89, 9.522, 198.805



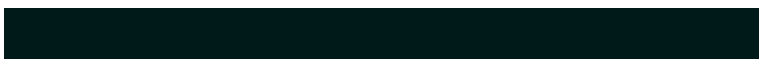
69, 5.486, 254.869



37, 3.691, 198.973



57, 34.230, 196.362



7, 9.138, 199.082

Inverse Universe

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



67, 6.595, 19.920



84, 10.280, 20.126



70, 5.623, 72.399



35, 3.911, 19.899



31, 70.924, 39.520



2, 9.156, 19.394

Previews

White Background



This preview shows how the CIELCh color 71, 6.212, 198.970 looks on a white background.

Color Contrast Check

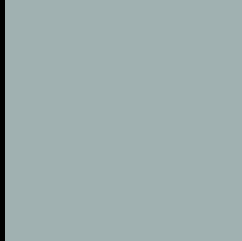
Large Text (above 18pt) WCAG AA × Fail

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, 6.212, 198.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

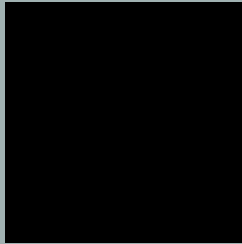
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

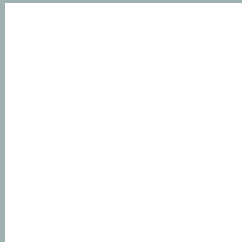
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.212, 198.970

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.212, 198.970.



This preview shows how white text looks on a background with the CIELCh color 71, 6.212, 198.970.

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

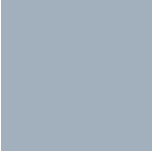
71, 6.212, 198.970

Protanopia

71, 1.583, 335.582

Deuteranopia

71, 9.656, 341.858



Tritanopia
71, 8.838, 259.379

Trichromacy



Original Color
71, 6.212, 198.970

Protanomaly
71, 1.927, 215.973

Deuteranomaly
71, 4.663, 324.604

Tritanomaly
71, 7.201, 242.289

Monochromacy



Original Color
71, 6.212, 198.970

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, 6.212, 198.970 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(160, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(160, 177, 177)  
}
```

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(160, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 177, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.212, 198.970 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(160, 177, 177) }
```

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

```
.border{ border-color:rgb(160, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(160, 177,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.212, 198.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 177, 177) }
```

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

```
.background{ background-color: rgb(160,  
177, 177) }
```

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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