

Converting Colors

CIELCh(71, 3.935, 218.940)

Have a look what the booklet for
CIELCh(71, 3.935, 218.940) contains.

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Color

CIELCh(71, 3.815, 215.889)

Conversions

Conversions Part 1

Format	Color
Hex	A6B0B2
RGB	166, 176, 178
RGB Percent	65%, 69%, 70%
CMY	0.3503, 0.3111, 0.3033
CMYK	0.07, 0.01, 0.00, 0.30
HSL	190°, 7%, 67%
HSV	190°, 7%, 70%
XYZ	39.1146, 42.1875, 48.0204
YIQ	173.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

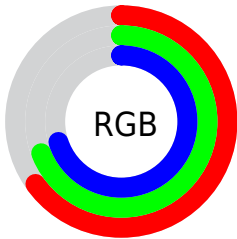
Format	Color
RYB	166, 171, 178
Decimal	10924210
CIELab	71.00, -3.09, -2.24
CIELCh	71, 3.815, 215.889
Yxy	42.1875, 0.3025, 0.3262
Android (android.graphics.Color)	4289114290 (0xFFA6B0B2)
YUV	173.2380, 2.3477, -6.3477
Hunter-Lab	64.9519, -6.1715, 1.6319

Details

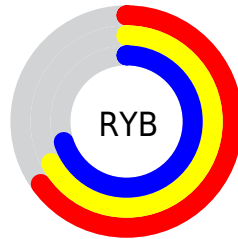
The CIELCh color **71, 3.815, 215.889** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 3.977, 35.505**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 3.971, 214.449**, and **51, 3.935, 207.616** is the 20% darker color. If you saturate the color by 10%, you get **69, 9.215, 215.994**, and if you desaturate by 10%, it is **73, 1.874, 35.368**.

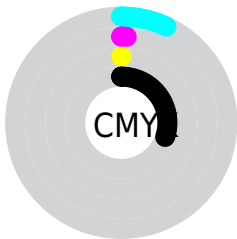
Distribution



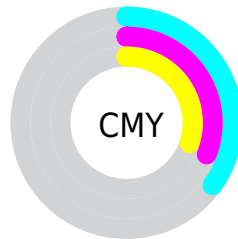
- Red (65%)
- Green (69%)
- Blue (70%)



- Red (65%)
- Yellow (67%)
- Blue (70%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (35%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 3.815, 215.889 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, 3.815, 215.889 by changing the saturation by 10% instead.

■ 71, 3.815, 215.889

■ 71, 3.815, 215.889

■ 100, 3.815,
215.889

■ 61, 3.815, 215.889

■ 91, 3.815, 215.889

■ 51, 3.815, 215.889

■ 41, 3.815, 215.889

■ 31, 3.815, 215.889

■ 21, 3.815, 215.889

■ 11, 3.815, 215.889

■ 1, 3.815, 215.889

■ 0, 3.815, 215.889

■ 71, 3.815, 215.889

■ 71, 3.815, 215.889

69, 9.215, 215.994

73, 1.874, 35.368

67, 14.246,
216.331

75, 7.784, 35.566

65, 18.823,
216.864

78, 13.857, 35.657

63, 22.857,
217.635

80, 20.045, 35.782

62, 26.267,
218.698

83, 25.873, 39.587

60, 28.990,
220.115

84, 25.358, 43.508

59, 30.994,
221.958

85, 24.969, 47.574

58, 32.300,
224.294

85, 24.714, 51.746

57, 33.008,
227.155

Harmonies

Complementary

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



71, 3.815, 215.889



70, 3.977, 35.505

Rectangle

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



71, 3.815, 215.889



71, 3.815, 265.889



71, 3.815, 35.889



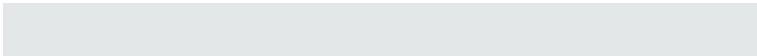
71, 3.815, 85.889

Sweetspot

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



71, 3.816, 215.862



91, 1.421, 216.106



71, 7.197, 148.469



49, 0.815, 216.129



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, 3.816, 215.862



90, 5.598, 215.862



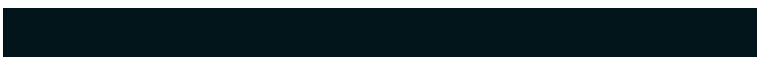
69, 4.523, 270.679



37, 3.192, 215.868



49, 29.735, 227.704



6, 7.602, 223.895

Inverse Universe

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



69, 7.134, 329.746



87, 10.512, 329.836



71, 4.521, 88.891



35, 6.017, 329.912



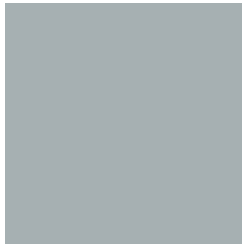
35, 69.443, 336.045



2, 13.753, 331.912

Previews

White Background



This preview shows how the CIE LCh color 71, 3.815, 215.889 looks on a white background.

Color Contrast Check

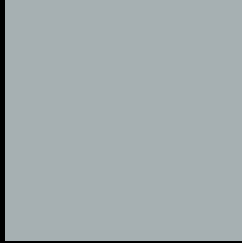
Large Text (above 18pt) WCAG AA × Fail

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, 3.815, 215.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

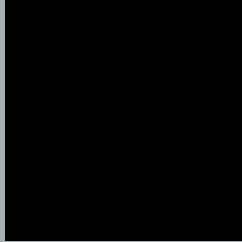
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

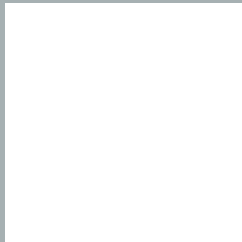
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 3.815, 215.889

Background



This preview shows how black text looks on a background with the CIELCh color 71, 3.815, 215.889.

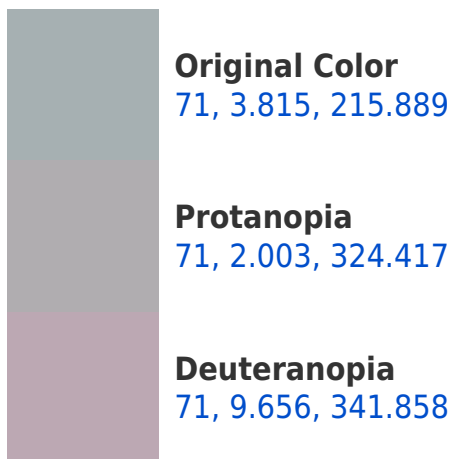


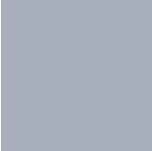
This preview shows how white text looks on a background with the CIELCh color 71, 3.815, 215.889.

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, 7.999, 272.618

Trichromacy



Original Color
71, 3.815, 215.889

Protanomaly
71, 1.793, 265.918

Deuteranomaly
71, 5.546, 327.850

Tritanomaly
71, 5.656, 259.801

Monochromacy



Original Color
71, 3.815, 215.889

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.579, 219.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 3.815, 215.889 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(166, 176, 178)` looks like.

```
.text, #text, p{  
    color:rgb(166, 176, 178)  
}
```

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(166, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 176, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 3.815, 215.889 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(166, 176, 178) }
```

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

```
.border{ border-color:rgb(166, 176, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 176, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(166, 176,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 3.815, 215.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 176, 178) }
```

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

```
.background{ background-color: rgb(166,  
176, 178) }
```

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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