

Converting Colors

CIELCh(70, 3.808, 19.607)

Have a look what the booklet for
CIELCh(70, 3.808, 19.607) contains.

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Color

CIELCh(70, 3.811, 19.610)

Conversions

Conversions Part 1

Format	Color
Hex	B3A9A9
RGB	179, 169, 169
RGB Percent	70%, 66%, 66%
CMY	0.2986, 0.3378, 0.3378
CMYK	0.00, 0.06, 0.06, 0.30
HSL	0°, 6%, 68%
HSV	0°, 6%, 70%
XYZ	39.8673, 40.7494, 43.2309
YIQ	171.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

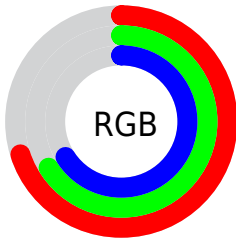
Format	Color
RYB	179, 169, 169
Decimal	11774377
CIELab	70.00, 3.59, 1.28
CIELCh	70, 3.811, 19.610
Yxy	40.7494, 0.3219, 0.3290
Android (android.graphics.Color)	4289964457 (0xFFB3A9A9)
YUV	171.9900, -1.4741, 6.1478
Hunter-Lab	63.8353, -0.2324, 4.5320

Details

The CIELCh color **70, 3.811, 19.610** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 3.680, 199.266**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 3.971, 19.534**, and **50, 3.676, 19.723** is the 20% darker color. If you saturate the color by 10%, you get **65, 11.047, 20.443**, and if you desaturate by 10%, it is **75, 2.889, 199.382**.

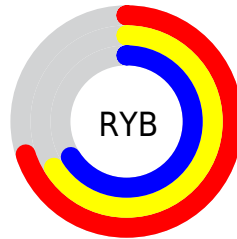
Distribution



Red (70%)

Green (66%)

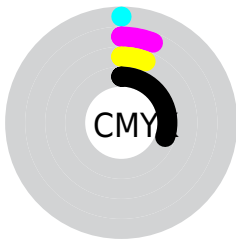
Blue (66%)



Red (70%)

Yellow (66%)

Blue (66%)

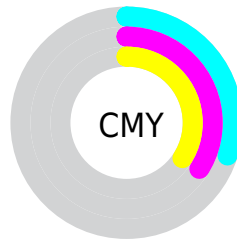


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.811, 19.610 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 70, 3.811, 19.610 by changing the saturation by 10% instead.

 70, 3.811, 19.610  70, 3.811, 19.610

 100, 3.811, 19.610  60, 3.811, 19.610


 90, 3.811, 19.610  50, 3.811, 19.610

 40, 3.811, 19.610

 30, 3.811, 19.610

 20, 3.811, 19.610

 10, 3.811, 19.610

 0, 3.811, 19.610

 70, 3.811, 19.610  70, 3.811, 19.610

 65, 11.047, 20.443  75, 2.889, 199.382

60, 18.844, 21.392

80, 9.089, 198.818

55, 27.182, 22.610

86, 14.841,
198.441

51, 35.987, 24.196

91, 20.194,
198.146

47, 45.103, 26.256

43, 54.290, 28.885

95, 24.309,
197.918

40, 63.211, 32.095

39, 71.341, 35.632

37, 77.596, 38.698

Harmonies

Complementary

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



70, 3.811, 19.610



72, 3.680, 199.266

Rectangle

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



70, 3.811, 19.610



70, 3.811, 69.610



70, 3.811, 199.610



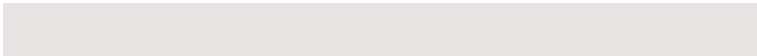
70, 3.811, 249.610

Sweetspot

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



70, 3.810, 19.635



91, 1.662, 19.182



70, 6.660, 324.708



49, 0.952, 19.155



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 3.810, 19.635



88, 5.930, 19.763



71, 3.302, 74.649



36, 3.105, 19.791



31, 70.926, 39.531



2, 9.153, 19.425

Inverse Universe

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



72, 3.680, 199.266



91, 5.675, 199.155



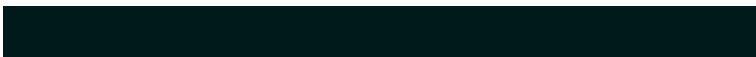
71, 3.270, 256.216



37, 2.965, 199.132



57, 34.211, 196.434



7, 9.133, 199.143

Previews

White Background



This preview shows how the CIELCh color 70, 3.811, 19.610 looks on a white background.

Color Contrast Check

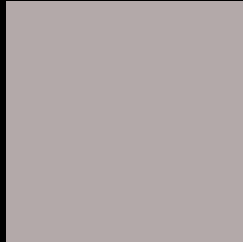
Large Text (above 18pt) WCAG AA × Fail

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 70, 3.811, 19.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

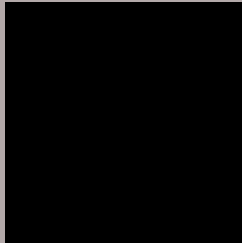
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 3.811, 19.610

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.811, 19.610.



This preview shows how white text looks on a background with the CIELCh color 70, 3.811, 19.610.

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

70, 3.811, 19.610

Protanopia

70, 1.514, 19.213

Deuteranopia

70, 8.719, 5.685



Tritanopia
70, 8.873, 326.827

Trichromacy



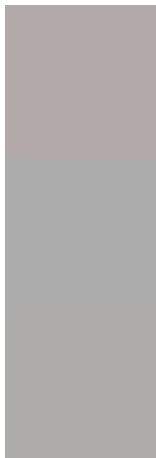
Original Color
70, 3.811, 19.610

Protanomaly
70, 2.275, 19.387

Deuteranomaly
70, 7.084, 6.640

Tritanomaly
70, 6.318, 336.076

Monochromacy



Original Color
70, 3.811, 19.610

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.133, 19.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 3.811, 19.610 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(179, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(179, 169, 169)  
}
```

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(179, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 169, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.811, 19.610 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(179, 169, 169) }
```

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

```
.border{ border-color:rgb(179, 169, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(179, 169,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.811, 19.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 169, 169) }
```

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

```
.background{ background-color: rgb(179,  
169, 169) }
```

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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