

Converting Colors

CIELCh(71, 3.958, 99.526)

Have a look what the booklet for
CIELCh(71, 3.958, 99.526) contains.

CIELCh(71, 3.872, 98.419)	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(71, 3.872, 98.419)

Conversions

Conversions Part 1

Format	Color
Hex	B0AEA7
RGB	176, 174, 167
RGB Percent	69%, 68%, 65%
CMY	0.3106, 0.3184, 0.3458
CMYK	0.00, 0.01, 0.05, 0.31
HSL	47°, 5%, 67%
HSV	47°, 5%, 69%
XYZ	39.9164, 42.1875, 42.5052
YIQ	173.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

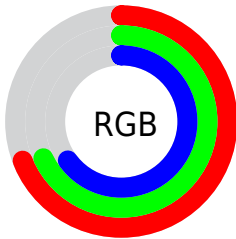
Format	Color
RYB	170, 176, 167
Decimal	11579047
CIELab	71.00, -0.57, 3.83
CIELCh	71, 3.872, 98.419
Yxy	42.1875, 0.3203, 0.3386
Android (android.graphics.Color)	4289769127 (0xFFB0AEA7)
YUV	173.8000, -3.3524, 1.9294
Hunter-Lab	64.9519, -3.9682, 6.6663

Details

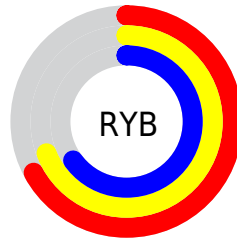
The CIELCh color **71, 3.872, 98.419** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 3.905, 279.690**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 3.760, 93.112**, and **51, 4.134, 98.210** is the 20% darker color. If you saturate the color by 10%, you get **70, 11.514, 97.311**, and if you desaturate by 10%, it is **73, 3.691, 279.641**.

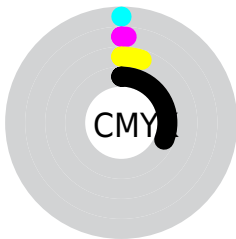
Distribution



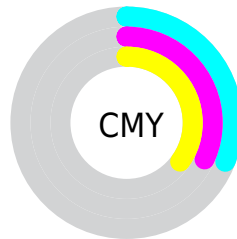
- Red (69%)
- Green (68%)
- Blue (65%)



- Red (67%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 3.872, 98.419 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, 3.872, 98.419 by changing the saturation by 10% instead.

■ 71, 3.872, 98.419

■ 71, 3.872, 98.419

■ 100, 3.872, 98.419

■ 61, 3.872, 98.419

■ 91, 3.872, 98.419

■ 51, 3.872, 98.419

■ 41, 3.872, 98.419

■ 31, 3.872, 98.419

■ 21, 3.872, 98.419

■ 11, 3.872, 98.419

■ 1, 3.872, 98.419

■ 0, 3.872, 98.419

■ 71, 3.872, 98.419

■ 71, 3.872, 98.419

70, 11.514, 97.311

73, 3.691, 279.641

68, 19.210, 96.124

74, 11.171,
280.685

67, 26.920, 94.904

76, 18.562,
281.705

65, 34.569, 93.659

64, 42.019, 92.392

77, 25.865,
282.680

63, 49.038, 91.101

79, 33.083,
283.606

62, 55.249, 89.770

61, 60.108, 88.362

80, 31.281,
280.563

60, 63.035, 86.805

81, 29.431,
277.080

82, 27.701,
273.174

83, 26.113,
268.802

Harmonies

Complementary

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



71, 3.872, 98.419



69, 3.905, 279.690

Rectangle

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



71, 3.872, 98.419



71, 3.872, 148.419



71, 3.872, 278.419



71, 3.872, 328.419

Sweetspot

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



71, 3.873, 98.442



91, 1.871, 98.730



69, 3.619, 1.084



48, 1.062, 98.737



96, 0.011, 296.813



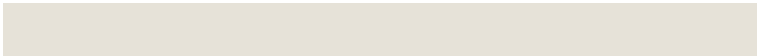
48, 0.006, 296.813

Same Dimension

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



71, 3.873, 98.442



90, 5.645, 98.336



71, 4.979, 120.248



36, 2.969, 98.292



51, 57.199, 86.263



6, 8.255, 93.752

Inverse Universe

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



69, 3.905, 279.690



87, 5.692, 279.804



69, 5.043, 300.845



35, 2.994, 279.851



21, 75.901, 301.230



2, 9.382, 281.524

Previews

White Background



This preview shows how the CIE LCh color 71, 3.872, 98.419 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, 3.872, 98.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

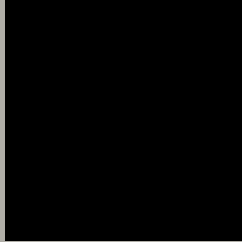
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

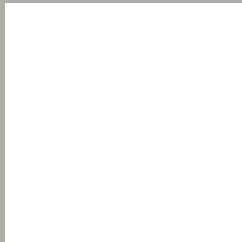
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 3.872, 98.419

Background



This preview shows how black text looks on a background with the CIELCh color 71, 3.872, 98.419.

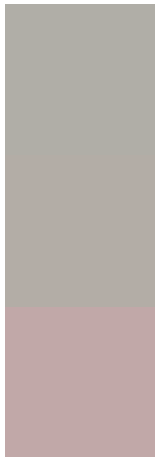


This preview shows how white text looks on a background with the CIELCh color 71, 3.872, 98.419.

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, 3.872, 98.419

Protanopia

71, 4.433, 78.503

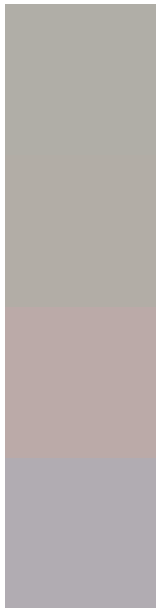
Deuteranopia

71, 9.671, 20.206



Tritanopia
71, 8.111, 309.387

Trichromacy



Original Color
71, 3.872, 98.419

Protanomaly
71, 4.247, 82.969

Deuteranomaly
71, 6.630, 29.306

Tritanomaly
71, 3.796, 319.897

Monochromacy



Original Color
71, 3.872, 98.419

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.665, 96.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 3.872, 98.419 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(176, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(176, 174, 167)  
}
```

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(176, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 174, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 3.872, 98.419 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(176, 174, 167) }
```

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

```
.border{ border-color:rgb(176, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(176, 174,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 3.872, 98.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 174, 167) }
```

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

```
.background{ background-color: rgb(176,  
174, 167) }
```

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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