

Converting Colors

CIELCh(71, 37.987, 100.755)

Have a look what the booklet for
CIELCh(71, 37.987, 100.755)
contains.

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Color

CIELCh(71, 38.025, 101.199)

Conversions

Conversions Part 1

Format	Color
Hex	B8B069
RGB	184, 176, 105
RGB Percent	72%, 69%, 41%
CMY	0.2790, 0.3103, 0.5887
CMYK	0.00, 0.04, 0.43, 0.28
HSL	54°, 36%, 57%
HSV	54°, 43%, 72%
XYZ	37.7753, 42.1875, 19.4819
YIQ	170.2980, 27.5590, -20.3850

Conversions

Conversions Part 2

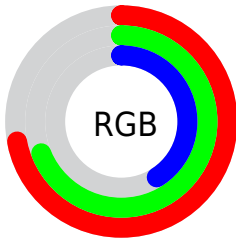
Format	Color
RYB	114, 184, 105
Decimal	12103785
CIELab	71.00, -7.39, 37.30
CIELCh	71, 38.025, 101.199
Yxy	42.1875, 0.3799, 0.4242
Android (android.graphics.Color)	4290293865 (0xFFB8B069)
YUV	170.2980, -32.1919, 12.0167
Hunter-Lab	64.9519, -9.8523, 27.6827

Details

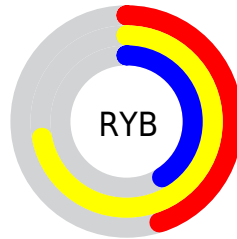
The CIELCh color **71, 38.025, 101.199** is a light color, and the websafe version is hex **999966**. A complement of this color would be **50, 41.532, 291.988**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 37.992, 101.050**, and **51, 38.002, 101.714** is the 20% darker color. If you saturate the color by 10%, you get **70, 46.353, 100.151**, and if you desaturate by 10%, it is **72, 29.356, 102.271**.

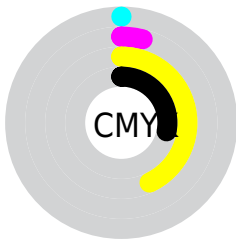
Distribution



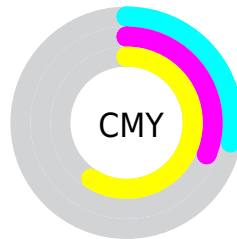
- Red (72%)
- Green (69%)
- Blue (41%)



- Red (45%)
- Yellow (72%)
- Blue (41%)



- Cyan (0%)
- Magenta (4%)
- Yellow (43%)
- Black (28%)





- Cyan (28%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 38.025, 101.199 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, 38.025, 101.199 by changing the saturation by 10% instead.


 71, 38.025,
101.199

 71, 38.025,
101.199


 100, 38.025,
101.199

 61, 38.025,
101.199


 91, 38.025,
101.199

 51, 38.025,
101.199

 41, 38.025,
101.199

 31, 38.025,
101.199

 21, 38.025,
101.199

 11, 38.025,
101.199

 1, 38.025, 101.199

0, 38.025, 101.199

71, 38.025,
101.199

71, 38.025,
101.199

70, 46.353,
100.151

72, 29.356,
102.271

70, 54.079, 99.136

73, 20.508,
103.341

69, 60.813, 98.175

74, 11.581,
104.398

68, 66.048, 97.283

68, 69.283, 96.460

74, 2.636, 105.408

67, 70.594, 95.910

75, 6.289, 286.472

76, 15.174,
287.438

78, 24.003,

288.370

■ 79, 32.769,
289.260

■ 79, 33.366,
288.376

Harmonies

Complementary

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



71, 38.025, 101.199



50, 41.532, 291.988

Rectangle

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



71, 38.025, 101.199



71, 38.025, 151.199



71, 38.025, 281.199



71, 38.025, 331.199

Sweetspot

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



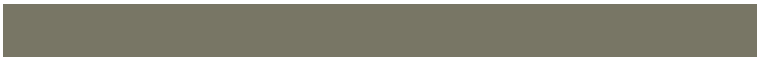
71, 38.026, 101.202



93, 14.410, 104.371



53, 33.723, 15.011



49, 10.078, 104.140



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 38.026, 101.202



89, 56.466, 100.161



71, 43.629, 122.711



38, 5.054, 104.774



58, 62.444, 96.006



9, 13.125, 102.776

Inverse Universe

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



50, 41.532, 291.988



57, 63.588, 294.088



50, 47.234, 307.522



36, 5.142, 286.782



19, 87.427, 304.712



1, 14.238, 287.158

Previews

White Background



This preview shows how the CIELCh color 71, 38.025, 101.199 looks on a white background.

Color Contrast Check

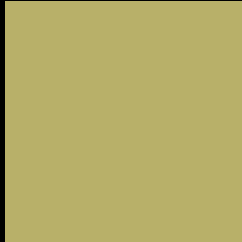
Large Text (above 18pt) WCAG AA × Fail

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, 38.025, 101.199 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, 38.025, 101.199

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.025, 101.199.



This preview shows how white text looks on a background with the CIELCh color 71, 38.025, 101.199.

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, 38.025, 101.199

Protanopia

71, 38.096, 95.967

Deuteranopia

71, 37.645, 76.332



Tritanopia
71, 11.810, 343.635

Trichromacy



Original Color
71, 38.025, 101.199

Protanomaly
71, 38.336, 97.970

Deuteranomaly
71, 37.008, 86.107

Tritanomaly
71, 11.975, 70.081

Monochromacy



Original Color
71, 38.025, 101.199

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 14.193, 103.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 38.025, 101.199 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(184, 176, 105)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 105)  
}
```

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(184, 176, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.025, 101.199 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(184, 176, 105) }
```

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

```
.border{ border-color:rgb(184, 176, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 105);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.025, 101.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 105) }
```

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

```
.background{ background-color: rgb(184,  
176, 105) }
```

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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