

Converting Colors

CIELCh(71, 37.979, 108.042)

Have a look what the booklet for
CIELCh(71, 37.979, 108.042)
contains.

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Color

CIELCh(71, 37.803, 107.673)

Conversions

Conversions Part 1

Format	Color
Hex	B0B26B
RGB	176, 178, 107
RGB Percent	69%, 70%, 42%
CMY	0.3094, 0.3015, 0.5800
CMYK	0.01, 0.00, 0.40, 0.30
HSL	62°, 32%, 56%
HSV	62°, 40%, 70%
XYZ	36.5280, 42.1875, 20.1544
YIQ	169.3080, 21.5990, -22.5050

Conversions

Conversions Part 2

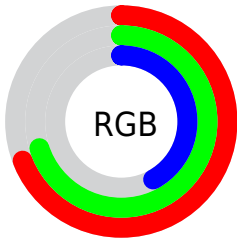
Format	Color
RYB	107, 178, 109
Decimal	11580011
CIELab	71.00, -11.48, 36.02
CIELCh	71, 37.803, 107.673
Yxy	42.1875, 0.3695, 0.4267
Android (android.graphics.Color)	4289770091 (0xFFB0B26B)
YUV	169.3080, -30.7178, 5.8689
Hunter-Lab	64.9519, -13.2800, 27.0688

Details

The CIELCh color **71, 37.803, 107.673** is a light color, and the websafe version is hex **999966**. A complement of this color would be **48, 41.840, 296.271**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 38.193, 107.659**, and **51, 37.408, 107.446** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.638, 106.832**, and if you desaturate by 10%, it is **71, 28.575, 108.566**.

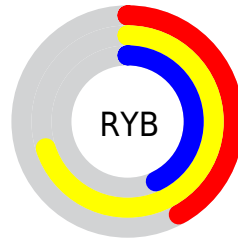
Distribution



Red (69%)

Green (70%)

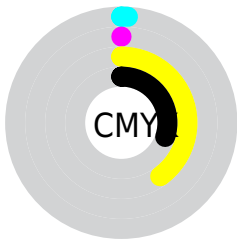
Blue (42%)



Red (42%)

Yellow (70%)

Blue (43%)

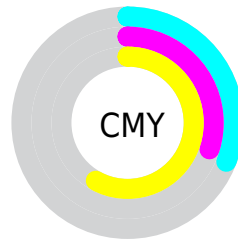


Cyan (1%)

Magenta (0%)

Yellow (40%)

Black (30%)



Cyan (31%)


Magenta (30%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 37.803, 107.673 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, 37.803, 107.673 by changing the saturation by 10% instead.


 71, 37.803,
107.673


 71, 37.803,
107.673


 100, 37.803,
107.673


 61, 37.803,
107.673


 91, 37.803,
107.673

 51, 37.803,
107.673

 41, 37.803,
107.673

 31, 37.803,
107.673

 21, 37.803,
107.673

 11, 37.803,
107.673

 1, 37.803, 107.673

■ 0, 37.803, 107.673

■ 71, 37.803,
107.673

■ 71, 37.803,
107.673

■ 71, 46.638,
106.832

■ 71, 28.575,
108.566

■ 71, 54.835,
106.067

■ 72, 19.112,
109.478

■ 70, 62.049,
105.423

■ 72, 9.519, 110.391

■ 70, 67.845,
104.944

■ 73, 0.136, 291.661

■ 70, 71.803,
104.674

■ 73, 9.808, 292.187

■ 70, 74.055,
104.593

■ 74, 19.467,
293.037

■ 74, 29.090,
293.853

■ 70, 74.083,
104.592

■ 75, 38.661,
294.631

■ 75, 41.562,
295.007

Harmonies

Complementary

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



71, 37.803, 107.673



48, 41.840, 296.271

Rectangle

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



71, 37.803, 107.673



71, 37.803, 157.673



71, 37.803, 287.673



71, 37.803, 337.673

Sweetspot

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



71, 37.804, 107.676



91, 14.347, 110.178



53, 30.355, 24.356



49, 9.590, 110.061



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, 37.804, 107.676



90, 55.759, 106.917



68, 40.894, 127.813



38, 5.473, 110.440



61, 66.230, 104.572



8, 13.312, 111.814

Inverse Universe

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



48, 41.840, 296.271



56, 63.624, 297.850



51, 43.179, 311.575



34, 5.593, 292.193



17, 91.233, 306.392



1, 13.321, 291.035

Previews

White Background



This preview shows how the CIELCh color 71, 37.803, 107.673 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 CIELCh color 71, 37.803, 107.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

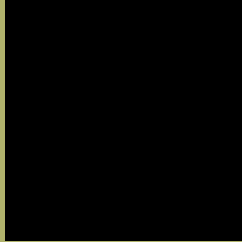
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 37.803, 107.673

Background



This preview shows how black text looks on a background with the CIELCh color 71, 37.803, 107.673.



This preview shows how white text looks on a background with the CIELCh color 71, 37.803, 107.673.

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, 37.803, 107.673

Protanopia
71, 37.591, 95.891

Deuteranopia
71, 35.998, 75.897



Tritanopia
71, 9.316, 330.591

Trichromacy



Original Color
71, 37.803, 107.673

Protanomaly
71, 37.135, 99.834

Deuteranomaly
71, 35.033, 87.423

Tritanomaly
71, 10.047, 86.163

Monochromacy



Original Color
71, 37.803, 107.673

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 14.151, 108.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 37.803, 107.673 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, 178, 107)` looks like.

```
.text, #text, p{  
    color:rgb(176, 178, 107)  
}
```

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, 178, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 37.803, 107.673 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, 178, 107) }
```

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

```
.border{ border-color:rgb(176, 178, 107) }
```

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

Here you see how a box with a 4 pixel rgb(176, 178, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 178, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 178, 107);  
box-shadow:4px 4px 4px 4px rgb(176, 178,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 37.803, 107.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 178, 107) }
```

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

```
.background{ background-color: rgb(176,  
178, 107) }
```

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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