

Converting Colors

CIELCh(71, 38.396, 140.482)

Have a look what the booklet for
CIELCh(71, 38.396, 140.482)
contains.

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Color

CIELCh(71, 38.311, 140.615)

Conversions

Conversions Part 1

Format	Color
Hex	84BB80
RGB	132, 187, 128
RGB Percent	52%, 73%, 50%
CMY	0.4810, 0.2653, 0.4968
CMYK	0.29, 0.00, 0.32, 0.27
HSL	116°, 30%, 62%
HSV	116°, 32%, 73%
XYZ	31.3297, 42.1875, 27.0258
YIQ	163.8290, -13.8410, -30.0090

Conversions

Conversions Part 2

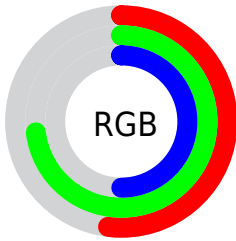
Format	Color
RYB	128, 187, 183
Decimal	8698752
CIELab	71.00, -29.61, 24.31
CIELCh	71, 38.311, 140.615
Yxy	42.1875, 0.3116, 0.4196
Android (android.graphics.Color)	4286888832 (0xFF84BB80)
YUV	163.8290, -17.6637, -27.9140
Hunter-Lab	64.9519, -27.5661, 20.7964

Details

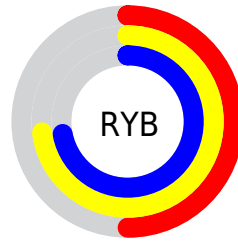
The CIELCh color **71, 38.311, 140.615** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 38.460, 324.162**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 38.211, 140.715**, and **51, 38.188, 140.617** is the 20% darker color. If you saturate the color by 10%, you get **70, 50.151, 139.782**, and if you desaturate by 10%, it is **72, 26.174, 141.355**.

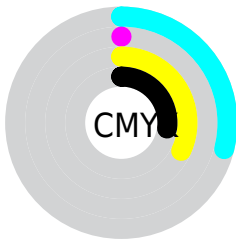
Distribution



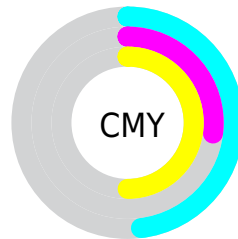
- Red (52%)
- Green (73%)
- Blue (50%)



- Red (50%)
- Yellow (73%)
- Blue (72%)



- Cyan (29%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)





- Cyan (48%)
- Magenta (27%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 38.311, 140.615 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, 38.311, 140.615 by changing the saturation by 10% instead.


 71, 38.311,
140.615


 71, 38.311,
140.615


 100, 38.311,
140.615


 61, 38.311,
140.615


 91, 38.311,
140.615

 51, 38.311,
140.615

 41, 38.311,
140.615

 31, 38.311,
140.615

 21, 38.311,
140.615

 11, 38.311,
140.615

 1, 38.311, 140.615

■ 0, 38.311, 140.615

■ 71, 38.311,
140.615

■ 71, 38.311,
140.615

■ 70, 50.151,
139.782

■ 72, 26.174,
141.355

■ 69, 61.405,
138.872

■ 74, 13.951,
142.001

■ 68, 71.712,
137.929

■ 76, 1.805, 142.660

■ 67, 80.624,
137.039

■ 78, 10.149,
322.976

■ 67, 87.639,
136.324

■ 80, 21.836,
323.384

■ 66, 92.322,
135.914

■ 82, 33.207,
323.724

■ 66, 94.639,
135.735

■ 84, 42.334,
325.716

■ 84, 42.407,
325.894

Harmonies

Complementary

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



71, 38.311, 140.615



61, 38.460, 324.162

Rectangle

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



71, 38.311, 140.615



71, 38.311, 190.615



71, 38.311, 320.615



71, 38.311, 10.615

Sweetspot

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



71, 38.312, 140.615



94, 13.542, 142.142



73, 28.997, 103.330



50, 9.415, 142.055



98, 0.011, 296.813



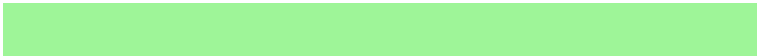
51, 0.007, 296.813

Same Dimension

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



71, 38.312, 140.615



89, 57.200, 140.031



71, 28.803, 156.651



39, 6.903, 142.130



57, 83.404, 135.676



9, 21.322, 143.103

Inverse Universe

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



61, 38.460, 324.162



74, 57.407, 324.493



61, 29.508, 342.060



37, 6.922, 323.054



35, 81.162, 325.610



3, 20.742, 322.483

Previews

White Background



This preview shows how the CIELCh color 71, 38.311, 140.615 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, 38.311, 140.615 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, 38.311, 140.615

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.311, 140.615.



This preview shows how white text looks on a background with the CIELCh color 71, 38.311, 140.615.

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, 38.311, 140.615

Protanopia
71, 28.186, 95.358

Deuteranopia
71, 23.922, 68.155



Tritanopia
71, 13.975, 231.979

Trichromacy



Original Color
71, 38.311, 140.615

Protanomaly
71, 29.378, 116.096

Deuteranomaly
70, 23.292, 104.797

Tritanomaly
71, 16.884, 173.123

Monochromacy



Original Color
71, 38.311, 140.615

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 13.905, 142.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 38.311, 140.615 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(132, 187, 128)` looks like.

```
.text, #text, p{  
    color:rgb(132, 187, 128)  
}
```

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(132, 187, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 187, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.311, 140.615 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(132, 187, 128) }
```

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

```
.border{ border-color:rgb(132, 187, 128) }
```

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

Here you see how a box with a 4 pixel rgb(132, 187, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 187, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 187, 128);  
box-shadow:4px 4px 4px 4px rgb(132, 187,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.311, 140.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 187, 128) }
```

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

```
.background{ background-color: rgb(132,  
187, 128) }
```

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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