

Converting Colors

CIELCh(71, 40.296, 132.198)

Have a look what the booklet for
CIELCh(71, 40.296, 132.198)
contains.

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Color

CIELCh(71, 40.383, 132.322)

Conversions

Conversions Part 1

Format	Color
Hex	8EBA76
RGB	142, 186, 118
RGB Percent	56%, 73%, 46%
CMY	0.4431, 0.2705, 0.5372
CMYK	0.24, 0.00, 0.37, 0.27
HSL	99°, 33%, 60%
HSV	99°, 37%, 73%
XYZ	31.9930, 42.1875, 23.6023
YIQ	165.0920, -4.3960, -30.4760

Conversions

Conversions Part 2

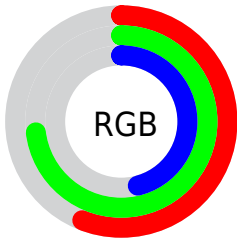
Format	Color
RYB	118, 186, 162
Decimal	9353846
CIELab	71.00, -27.19, 29.86
CIELCh	71, 40.383, 132.322
Yxy	42.1875, 0.3272, 0.4314
Android (android.graphics.Color)	4287543926 (0xFF8EBA76)
YUV	165.0920, -23.2164, -20.2517
Hunter-Lab	64.9519, -25.7429, 23.9215

Details

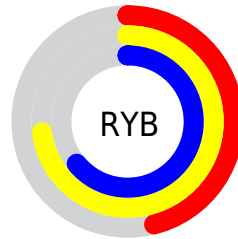
The CIELCh color **71, 40.383, 132.322** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **56, 41.751, 315.606**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 40.080, 132.243**, and **51, 40.400, 132.553** is the 20% darker color. If you saturate the color by 10%, you get **70, 51.040, 131.812**, and if you desaturate by 10%, it is **72, 29.428, 132.836**.

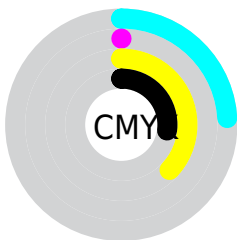
Distribution



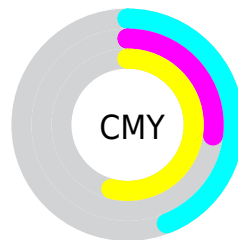
- Red (56%)
- Green (73%)
- Blue (46%)



- Red (46%)
- Yellow (73%)
- Blue (64%)



- Cyan (24%)
- Magenta (0%)
- Yellow (37%)
- Black (27%)





- Cyan (44%)
- Magenta (27%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 40.383, 132.322 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, 40.383, 132.322 by changing the saturation by 10% instead.


 71, 40.383,
132.322


 71, 40.383,
132.322


 100, 40.383,
132.322


 61, 40.383,
132.322


 91, 40.383,
132.322

 51, 40.383,
132.322

 41, 40.383,
132.322

 31, 40.383,
132.322

 21, 40.383,
132.322

 11, 40.383,
132.322

 1, 40.383, 132.322

0, 40.383, 132.322

71, 40.383,
132.322

71, 40.383,
132.322

70, 51.040,
131.812

72, 29.428,
132.836

69, 61.156,
131.349

73, 18.338,
133.326

68, 70.406,
131.010

75, 7.235, 133.787

68, 78.364,
130.904

76, 3.795, 314.129

67, 84.561,
131.158

78, 14.691,
314.518

67, 88.710,
131.847

79, 25.411,
314.839

81, 35.928,

■ 67, 89.888,
132.092

315.118

■ 82, 40.662,
318.729

■ 83, 42.456,
323.990

Harmonies

Complementary

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



71, 40.383, 132.322



56, 41.751, 315.606

Rectangle

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



71, 40.383, 132.322



71, 40.383, 182.322



71, 40.383, 312.322



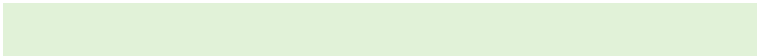
71, 40.383, 2.322

Sweetspot

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



71, 40.384, 132.323



94, 15.076, 133.576



67, 25.979, 83.603



50, 10.217, 133.514



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, 40.384, 132.323



89, 59.888, 131.903



70, 41.083, 145.503



38, 6.194, 133.661



57, 78.576, 131.896



8, 17.460, 137.047

Inverse Universe

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



56, 41.751, 315.606



67, 62.379, 315.948



59, 41.112, 330.490



36, 6.253, 314.404



27, 83.551, 315.885



2, 16.439, 310.188

Previews

White Background



This preview shows how the CIELCh color 71, 40.383, 132.322 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, 40.383, 132.322 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, 40.383, 132.322

Background



This preview shows how black text looks on a background with the CIELCh color 71, 40.383, 132.322.



This preview shows how white text looks on a background with the CIELCh color 71, 40.383, 132.322.

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, 40.383, 132.322

Protanopia
71, 32.940, 95.729

Deuteranopia
71, 29.212, 72.227



Tritanopia
71, 10.929, 243.538

Trichromacy



Original Color
71, 40.383, 132.322

Protanomaly
71, 33.826, 111.750

Deuteranomaly
70, 28.391, 98.839

Tritanomaly
71, 14.267, 160.532

Monochromacy



Original Color
71, 40.383, 132.322

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 15.050, 133.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 40.383, 132.322 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(142, 186, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 186, 118)  
}
```

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(142, 186, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 186, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 40.383, 132.322 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(142, 186, 118) }
```

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

```
.border{ border-color:rgb(142, 186, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 186, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 186, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 186, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 186,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 40.383, 132.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 186, 118) }
```

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

```
.background{ background-color: rgb(142,  
186, 118) }
```

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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