

Converting Colors

CIELCh(71, 41.335, 142.103)

Have a look what the booklet for
CIELCh(71, 41.335, 142.103)
contains.

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Color

CIELCh(71, 41.682, 142.068)

Conversions

Conversions Part 1

Format	Color
Hex	7EBD7E
RGB	126, 189, 126
RGB Percent	49%, 74%, 49%
CMY	0.5069, 0.2599, 0.5069
CMYK	0.33, 0.00, 0.33, 0.26
HSL	120°, 32%, 62%
HSV	120°, 33%, 74%
XYZ	30.4493, 42.1875, 26.1873
YIQ	162.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

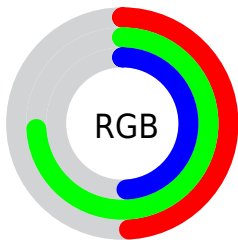
Format	Color
RYB	126, 189, 189
Decimal	8306046
CIELab	71.00, -32.88, 25.62
CIElCh	71, 41.682, 142.068
Yxy	42.1875, 0.3081, 0.4269
Android (android.graphics.Color)	4286496126 (0xFF7EBD7E)
YUV	162.9810, -18.2316, -32.4323
Hunter-Lab	64.9519, -29.9853, 21.5618

Details

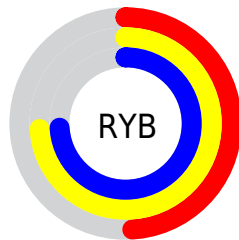
The CIELCh color **71, 41.682, 142.068** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 41.657, 326.231**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 41.870, 141.849**, and **51, 41.616, 141.881** is the 20% darker color. If you saturate the color by 10%, you get **70, 53.694, 141.099**, and if you desaturate by 10%, it is **72, 29.266, 142.918**.

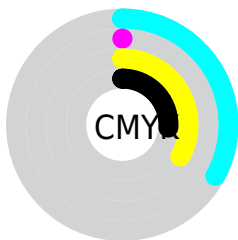
Distribution



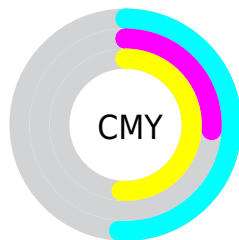
- Red (49%)
- Green (74%)
- Blue (49%)



- Red (49%)
- Yellow (74%)
- Blue (74%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (26%)





- Cyan (51%)
- Magenta (26%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 41.682, 142.068 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, 41.682, 142.068 by changing the saturation by 10% instead.


 71, 41.682,
142.068


 71, 41.682,
142.068


 100, 41.682,
142.068


 61, 41.682,
142.068


 91, 41.682,
142.068

 51, 41.682,
142.068

 41, 41.682,
142.068

 31, 41.682,
142.068

 21, 41.682,
142.068

 11, 41.682,
142.068

 1, 41.682, 142.068

■ 0, 41.682, 142.068

■ 71, 41.682,
142.068

■ 71, 41.682,
142.068

■ 70, 53.694,
141.099

■ 72, 29.266,
142.918

■ 69, 64.969,
140.025

■ 74, 16.701,
143.653

■ 68, 75.102,
138.896

■ 76, 4.184, 144.317

■ 67, 83.618,
137.803

■ 78, 8.145, 324.752

■ 67, 90.022,
136.883

■ 80, 20.192,
325.214

■ 67, 93.945,
136.272

■ 82, 31.896,
325.594

■ 84, 41.555,

■ 67, 95.520,
136.017

325.865

Harmonies

Complementary

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



71, 41.682, 142.068



61, 41.657, 326.231

Rectangle

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



71, 41.682, 142.068



71, 41.682, 192.068



71, 41.682, 322.068



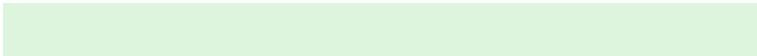
71, 41.682, 12.068

Sweetspot

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



71, 41.683, 142.068



94, 15.392, 143.868



75, 33.371, 106.983



50, 10.506, 143.775



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, 41.683, 142.068



89, 61.357, 141.375



72, 28.687, 160.515



39, 7.057, 143.921



57, 83.793, 136.017



9, 21.677, 144.394

Inverse Universe

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



61, 41.657, 326.231



74, 61.228, 326.594



60, 29.870, 346.797



37, 7.067, 324.932



37, 80.840, 328.238



3, 21.487, 325.465

Previews

White Background



This preview shows how the CIELCh color 71, 41.682, 142.068 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, 41.682, 142.068 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, 41.682, 142.068

Background



This preview shows how black text looks on a background with the CIELCh color 71, 41.682, 142.068.



This preview shows how white text looks on a background with the CIELCh color 71, 41.682, 142.068.

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](#).

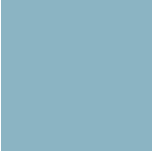
Dichromacy



Original Color
71, 41.682, 142.068

Protanopia
71, 29.746, 95.781

Deuteranopia
71, 25.079, 68.841



Tritanopia
71, 15.796, 229.921

Trichromacy



Original Color
71, 41.682, 142.068



Protanomaly
71, 31.639, 117.537



Deuteranomaly
70, 24.341, 105.778

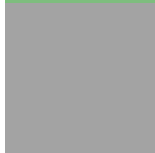


Tritanomaly
71, 19.002, 175.861

Monochromacy



Original Color
71, 41.682, 142.068



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 15.479, 143.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 41.682, 142.068 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(126, 189, 126)` looks like.

```
.text, #text, p{  
    color:rgb(126, 189, 126)  
}
```

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(126, 189, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 189, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 41.682, 142.068 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(126, 189, 126) }
```

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

```
.border{ border-color:rgb(126, 189, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 189, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 189, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 189, 126);  
box-shadow:4px 4px 4px 4px rgb(126, 189,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 41.682, 142.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 189, 126) }
```

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

```
.background{ background-color: rgb(126,  
189, 126) }
```

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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