

Converting Colors

CIELCh(71, 39.111, 142.245)

Have a look what the booklet for
CIELCh(71, 39.111, 142.245)
contains.

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Color

CIELCh(71, 39.111, 142.245)

Conversions

Conversions Part 1

Format	Color
Hex	81BC81
RGB	129, 188, 129
RGB Percent	51%, 74%, 51%
CMY	0.4943, 0.2630, 0.4943
CMYK	0.31, 0.00, 0.31, 0.26
HSL	120°, 31%, 62%
HSV	120°, 31%, 74%
XYZ	30.9740, 42.1875, 27.2602
YIQ	163.6330, -16.2250, -30.8570

Conversions

Conversions Part 2

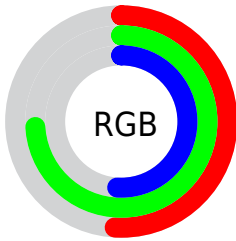
Format	Color
RYB	129, 188, 188
Decimal	8502401
CIELab	71.00, -30.92, 23.95
CIELCh	71, 39.111, 142.245
Yxy	42.1875, 0.3084, 0.4201
Android (android.graphics.Color)	4286692481 (0xFF81BC81)
YUV	163.6330, -17.0741, -30.3731
Hunter-Lab	64.9519, -28.5435, 20.5825

Details

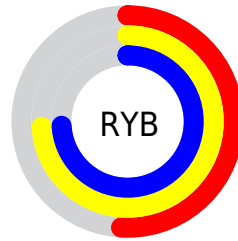
The CIELCh color **71, 39.111, 142.245** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 39.099, 326.125**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 39.587, 142.312**, and **51, 38.995, 142.213** is the 20% darker color. If you saturate the color by 10%, you get **70, 51.189, 141.299**, and if you desaturate by 10%, it is **72, 26.688, 143.071**.

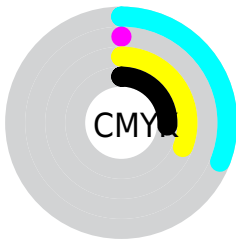
Distribution



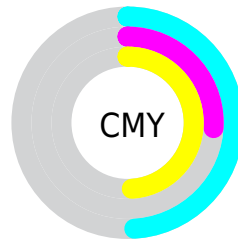
- Red (51%)
- Green (74%)
- Blue (51%)



- Red (51%)
- Yellow (74%)
- Blue (74%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (26%)





- Cyan (49%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.111, 142.245 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, 39.111, 142.245 by changing the saturation by 10% instead.


 71, 39.111,
142.245


 71, 39.111,
142.245


 100, 39.111,
142.245


 61, 39.111,
142.245


 91, 39.111,
142.245


 51, 39.111,
142.245

 41, 39.111,
142.245

 31, 39.111,
142.245

 21, 39.111,
142.245

 11, 39.111,
142.245

 1, 39.111, 142.245

0, 39.111, 142.245

71, 39.111,
142.245

71, 39.111,
142.245

70, 51.189,
141.299

72, 26.688,
143.071

69, 62.603,
140.244

74, 14.160,
143.785

68, 72.966,
139.121

76, 1.712, 144.511

67, 81.817,
138.012

78, 10.527,
324.851

67, 88.658,
137.045

80, 22.470,
325.292

67, 93.078,
136.364

82, 34.064,
325.659

■ 66, 95.229,
136.016

■ 84, 42.037,
325.882

Harmonies

Complementary

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



71, 39.111, 142.245



62, 39.099, 326.125

Rectangle

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



71, 39.111, 142.245



71, 39.111, 192.245



71, 39.111, 322.245



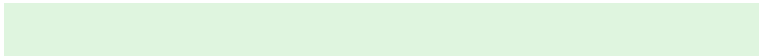
71, 39.111, 12.245

Sweetspot

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



71, 39.112, 142.245



94, 13.844, 143.933



75, 31.331, 107.171



50, 9.626, 143.837



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, 39.112, 142.245



89, 58.407, 141.573



72, 26.940, 160.739



39, 7.057, 143.919



57, 83.794, 136.017



9, 21.677, 144.393

Inverse Universe

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



62, 39.099, 326.125



75, 58.313, 326.492



61, 27.990, 346.570



37, 7.068, 324.930



37, 80.846, 328.235



3, 21.489, 325.462

Previews

White Background



This preview shows how the CIELCh color 71, 39.111, 142.245 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, 39.111, 142.245 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, 39.111, 142.245

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.111, 142.245.



This preview shows how white text looks on a background with the CIELCh color 71, 39.111, 142.245.

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

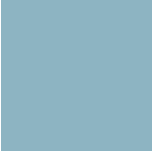
71, 39.111, 142.245

Protanopia

71, 28.186, 95.358

Deuteranopia

71, 23.489, 67.402



Tritanopia
71, 15.036, 229.260

Trichromacy



Original Color
71, 39.111, 142.245

Protanomaly
70, 28.931, 117.082

Deuteranomaly
70, 22.740, 105.817

Tritanomaly
71, 18.091, 174.788

Monochromacy



Original Color
71, 39.111, 142.245

Achromatopsia
67, 0.008, 296.813

Achromatomaly
69, 14.785, 143.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.111, 142.245 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(129, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 188, 129)  
}
```

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(129, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 188, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.111, 142.245 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(129, 188, 129) }
```

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

```
.border{ border-color:rgb(129, 188, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 188, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 188, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 188, 129); box-shadow:4px 4px 4px 4px rgb(129, 188, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.111, 142.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 188, 129) }
```

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

```
.background{ background-color: rgb(129,  
188, 129) }
```

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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