

Converting Colors

CIELCh(71, 99.124, 135.215)

Have a look what the booklet for
CIELCh(71, 99.124, 135.215)
contains.

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Color

CIELCh(71, 99.046, 135.222)

Conversions

Conversions Part 1

Format	Color
Hex	1FC901
RGB	31, 201, 1
RGB Percent	12%, 79%, 0%
CMY	0.8798, 0.2107, 0.9971
CMYK	0.85, 0.00, 1.00, 0.21
HSL	111°, 99%, 40%
HSV	111°, 100%, 79%
XYZ	21.5088, 42.1875, 7.0303
YIQ	127.3700, -37.1200, -98.2400

Conversions

Conversions Part 2

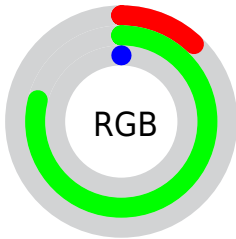
Format	Color
RYB	1, 201, 171
Decimal	2083073
CIELab	71.00, -70.31, 69.76
CIELCh	71, 99.046, 135.222
Yxy	42.1875, 0.3041, 0.5965
Android (android.graphics.Color)	4280273153 (0xFF1FC901)
YUV	127.3700, -62.3004, -84.5165
Hunter-Lab	64.9519, -54.5556, 39.0489

Details

The CIELCh color **71, 99.046, 135.222** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **43, 97.796, 322.509**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 97.016, 135.191**, and **52, 78.653, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 99.150, 135.224**, and if you desaturate by 10%, it is **71, 95.732, 135.090**.

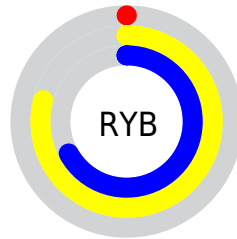
Distribution



Red (12%)

Green (79%)

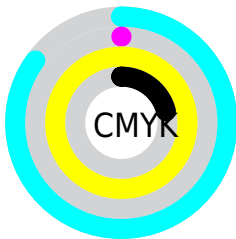
Blue (0%)



Red (0%)

Yellow (79%)

Blue (67%)

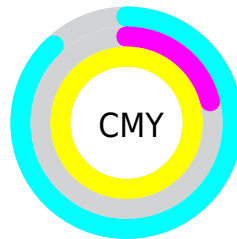


Cyan (85%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (88%)


Magenta (21%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 99.046, 135.222 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, 99.046, 135.222 by changing the saturation by 10% instead.


 71, 99.046,
135.222

 71, 99.046,
135.222


 100, 99.046,
135.222


 61, 99.046,
135.222


 91, 99.046,
135.222

 51, 99.046,
135.222

 41, 99.046,
135.222

 31, 99.046,
135.222

 21, 99.046,
135.222

 11, 99.046,
135.222

 1, 99.046, 135.222

■ 0, 99.046, 135.222

■ 71, 99.046,
135.222

■ 71, 99.046,
135.222

■ 71, 99.150,
135.224

■ 71, 95.732,
135.090

■ 72, 90.102,
135.254

■ 72, 82.167,
135.742

■ 73, 72.431,
136.426

■ 74, 61.420,
137.187

■ 75, 49.573,
137.944

■ 76, 37.234,
138.653

■ 78, 24.661,
139.292

■ 79, 12.045,
139.860

Harmonies

Complementary

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



71, 99.046, 135.222



43, 97.796, 322.509

Rectangle

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



71, 99.046, 135.222



71, 99.046, 185.222



71, 99.046, 315.222



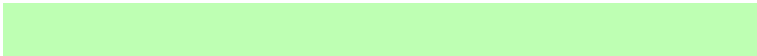
71, 99.046, 5.222

Sweetspot

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



71, 99.045, 135.223



94, 45.678, 138.599



71, 73.228, 92.053



50, 31.118, 138.302



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 99.045, 135.223



88, 118.650, 135.323



71, 85.552, 142.721



41, 7.026, 139.874



58, 84.724, 135.108



11, 25.508, 140.675

Inverse Universe

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



43, 97.796, 322.509



54, 117.011, 322.420



44, 74.870, 348.809



39, 7.057, 320.721



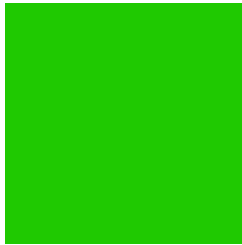
34, 83.750, 322.578



4, 25.034, 320.729

Previews

White Background



This preview shows how the CIELCh color 71, 99.046, 135.222 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, 99.046, 135.222 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, 99.046, 135.222

Background



This preview shows how black text looks on a background with the CIELCh color 71, 99.046, 135.222.

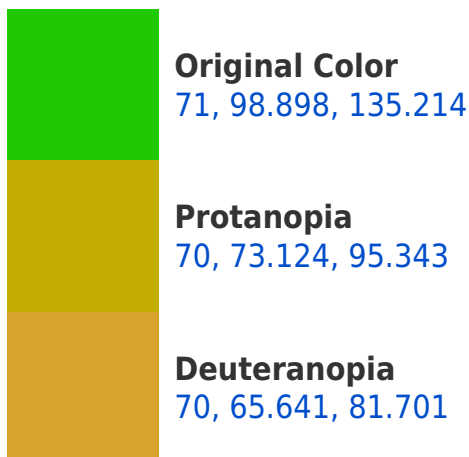


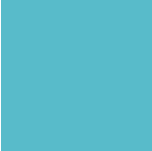
This preview shows how white text looks on a background with the CIELCh color 71, 99.046, 135.222.

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





Tritanopia
71, 29.549, 213.616

Trichromacy



Original Color
71, 98.898, 135.214



Protanomaly
69, 78.786, 117.996



Deuteranomaly
68, 70.674, 113.266



Tritanomaly
70, 53.637, 155.906

Monochromacy



Original Color
71, 98.898, 135.214



Achromatopsia
53, 0.007, 296.813



Achromatomaly
58, 47.344, 137.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 99.046, 135.222 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(31, 201, 1)` looks like.

```
.text, #text, p{  
    color:rgb(31, 201, 1)  
}
```

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(31, 201, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 201, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 99.046, 135.222 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(31, 201, 1) }
```

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

```
.border{ border-color:rgb(31, 201, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 201, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 201, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 201, 1);  
box-shadow:4px 4px 4px 4px rgb(31, 201, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 71, 99.046, 135.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 201, 1) }
```

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

```
.background{ background-color: rgb(31, 201,  
1) }
```

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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