

Converting Colors

CIELCh(71, 99.092, 136.510)

Have a look what the booklet for
CIELCh(71, 99.092, 136.510)
contains.

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Color

CIELCh(71, 99.189, 136.496)

Conversions

Conversions Part 1

Format	Color
Hex	01CA0E
RGB	1, 202, 14
RGB Percent	0%, 79%, 5%
CMY	0.9961, 0.2086, 0.9468
CMYK	1.00, 0.00, 0.93, 0.21
HSL	124°, 99%, 40%
HSV	124°, 100%, 79%
XYZ	21.1639, 42.1875, 7.4271
YIQ	120.4690, -59.4480, -101.0800

Conversions

Conversions Part 2

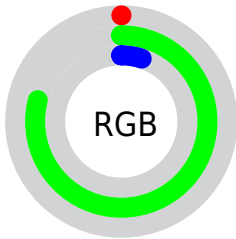
Format	Color
RYB	1, 190, 202
Decimal	117262
CIELab	71.00, -71.94, 68.28
CIELCh	71, 99.189, 136.496
Yxy	42.1875, 0.2990, 0.5960
Android (android.graphics.Color)	4278307342 (0xFF01CA0E)
YUV	120.4690, -52.4892, -104.7743
Hunter-Lab	64.9519, -55.5035, 38.6867

Details

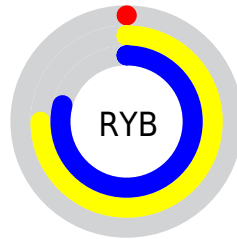
The CIELCh color **71, 99.189, 136.496** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **47, 92.150, 330.895**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 96.733, 136.472**, and **52, 79.049, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 99.307, 136.476**, and if you desaturate by 10%, it is **71, 95.728, 137.255**.

Distribution



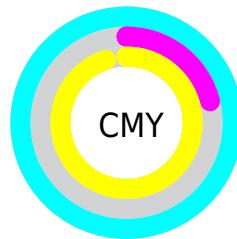
- Red (0%)
- Green (79%)
- Blue (5%)



- Red (0%)
- Yellow (75%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (93%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 99.189, 136.496 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, 99.189, 136.496 by changing the saturation by 10% instead.

 71, 99.189,
136.496

 71, 99.189,
136.496

 100, 99.189,
136.496

 61, 99.189,
136.496

 91, 99.189,
136.496

 51, 99.189,
136.496

 41, 99.189,
136.496

 31, 99.189,
136.496

 21, 99.189,
136.496

 11, 99.189,
136.496

 1, 99.189, 136.496

0, 99.189, 136.496

71, 99.189,
136.496

71, 99.189,
136.496

71, 99.307,
136.476

71, 95.728,
137.255

71, 89.957,
138.343

72, 82.063,
139.584

73, 72.450,
140.849

74, 61.543,
142.047

75, 49.732,
143.131

■ 76, 37.358,
144.084

■ 78, 24.701,
144.908

■ 79, 11.986,
145.622

Harmonies

Complementary

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



71, 99.189, 136.496



47, 92.150, 330.895

Rectangle

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



71, 99.189, 136.496



71, 99.189, 186.496



71, 99.189, 316.496



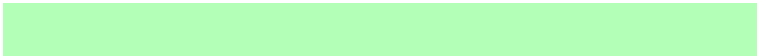
71, 99.189, 6.496

Sweetspot

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



71, 99.188, 136.497



94, 45.904, 144.004



78, 81.316, 105.952



49, 31.259, 143.608



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, 99.188, 136.497



88, 118.732, 136.377



72, 70.793, 151.756



42, 7.210, 145.629



59, 85.556, 136.592



12, 27.824, 143.958

Inverse Universe

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



47, 92.150, 330.895



59, 109.918, 330.949



43, 70.696, 6.912



40, 7.223, 326.674



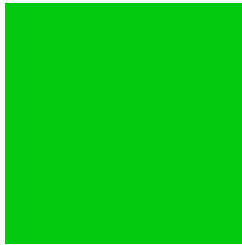
39, 79.729, 330.870



5, 27.615, 329.613

Previews

White Background



This preview shows how the CIELCh color 71, 99.189, 136.496 looks on a white background.

Color Contrast Check

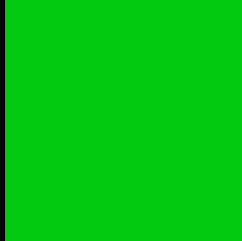
Large Text (above 18pt) WCAG AA × Fail

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, 99.189, 136.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

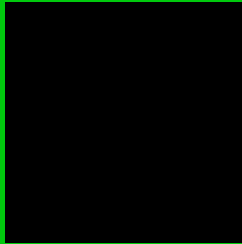
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

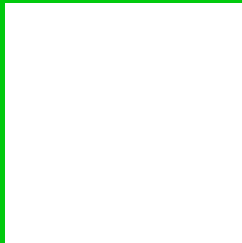
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 99.189, 136.496

Background



This preview shows how black text looks on a background with the CIELCh color 71, 99.189, 136.496.



This preview shows how white text looks on a background with the CIELCh color 71, 99.189, 136.496.

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, 99.215, 136.514

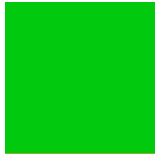
Deuteranopia

71, 65.137, 82.051

Tritanopia

71, 30.324, 213.128

Trichromacy



Original Color
71, 99.215, 136.514

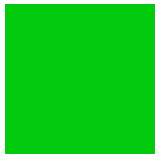


Deuteranomaly
68, 70.736, 117.524



Tritanomaly
70, 54.046, 159.031

Monochromacy



Original Color
71, 99.215, 136.514



Achromatopsia
50, 0.007, 296.813



Achromatomaly
56, 47.893, 142.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 99.189, 136.496 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(1, 202, 14)` looks like.

```
.text, #text, p{  
    color:rgb(1, 202, 14)  
}
```

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(1, 202, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 202, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 99.189, 136.496 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(1, 202, 14) }
```

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

```
.border{ border-color:rgb(1, 202, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 202, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 202, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 202, 14);  
box-shadow:4px 4px 4px 4px rgb(1, 202, 14)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 71, 99.189, 136.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 202, 14) }
```

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

```
.background{ background-color: rgb(1, 202,  
14) }
```

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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