

Converting Colors

CIELCh(71, 99.388, 136.013)

Have a look what the booklet for
CIELCh(71, 99.388, 136.013)
contains.

CIELCh(71, 99.514, 136.001)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 99.514, 136.001)

Conversions

Conversions Part 1

Format	Color
Hex	0DCA06
RGB	13, 202, 6
RGB Percent	5%, 79%, 2%
CMY	0.9507, 0.2091, 0.9759
CMYK	0.94, 0.00, 0.97, 0.21
HSL	118°, 94%, 41%
HSV	118°, 97%, 79%
XYZ	21.2391, 42.1875, 7.1991
YIQ	123.1450, -49.7280, -101.0240

Conversions

Conversions Part 2

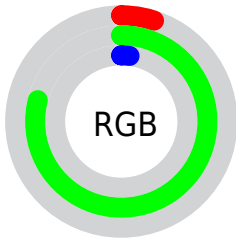
Format	Color
RYB	6, 202, 195
Decimal	903686
CIELab	71.00, -71.59, 69.13
CIELCh	71, 99.514, 136.001
Yxy	42.1875, 0.3007, 0.5973
Android (android.graphics.Color)	4279093766 (0xFF0DCA06)
YUV	123.1450, -57.7525, -96.5972
Hunter-Lab	64.9519, -55.2967, 38.8947

Details

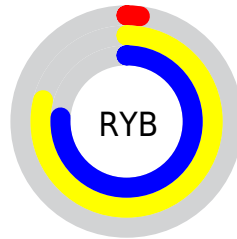
The CIELCh color **71, 99.514, 136.001** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **47, 96.408, 326.940**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 97.091, 136.005**, and **52, 79.049, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 100.209, 135.894**, and if you desaturate by 10%, it is **71, 96.234, 136.351**.

Distribution



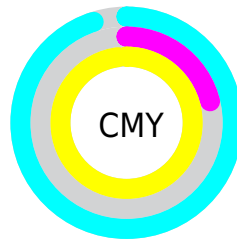
- Red (5%)
- Green (79%)
- Blue (2%)



- Red (2%)
- Yellow (79%)
- Blue (76%)



- Cyan (94%)
- Magenta (0%)
- Yellow (97%)
- Black (21%)





- Cyan (95%)
- Magenta (21%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 99.514, 136.001 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, 99.514, 136.001 by changing the saturation by 10% instead.


 71, 99.514,
136.001


 71, 99.514,
136.001


 100, 99.514,
136.001


 61, 99.514,
136.001


 91, 99.514,
136.001

 51, 99.514,
136.001

 41, 99.514,
136.001

 31, 99.514,
136.001

 21, 99.514,
136.001

 11, 99.514,
136.001

 1, 99.514, 136.001

■ 0, 99.514, 136.001

■ 71, 99.514,
136.001

■ 71, 99.514,
136.001

■ 71, 100.209,
135.894

■ 71, 96.234,
136.351

■ 72, 90.335,
137.037

■ 72, 82.061,
137.966

■ 73, 71.927,
138.999

■ 74, 60.458,
140.023

■ 75, 48.106,
140.974

■ 76, 35.238,
141.822

■ 78, 22.140,
142.562

■ 80, 9.032, 143.208

Harmonies

Complementary

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



71, 99.514, 136.001



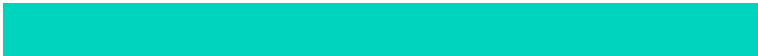
47, 96.408, 326.940

Rectangle

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



71, 99.514, 136.001



71, 99.514, 186.001



71, 99.514, 316.001



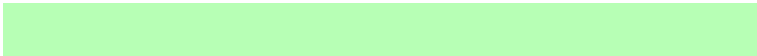
71, 99.514, 6.001

Sweetspot

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



71, 99.513, 136.002



94, 45.836, 141.625



77, 78.671, 100.803



49, 31.398, 141.260



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, 99.513, 136.002



88, 119.628, 135.925



72, 76.000, 148.037



42, 7.446, 143.056



59, 86.576, 135.860



12, 28.410, 142.278

Inverse Universe

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



47, 96.408, 326.940



59, 115.752, 326.911



44, 71.177, 358.020



40, 7.461, 324.034



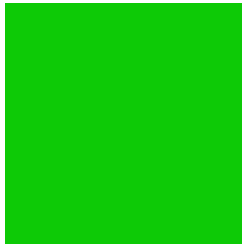
38, 83.841, 326.947



5, 28.717, 326.248

Previews

White Background



This preview shows how the CIELCh color 71, 99.514, 136.001 looks on a white background.

Color Contrast Check

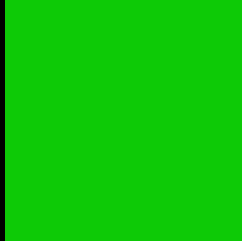
Large Text (above 18pt) WCAG AA × Fail

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, 99.514, 136.001 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

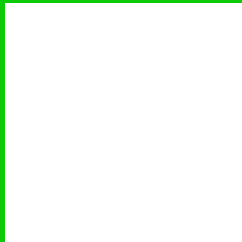
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 99.514, 136.001

Background



This preview shows how black text looks on a background with the CIELCh color 71, 99.514, 136.001.



This preview shows how white text looks on a background with the CIELCh color 71, 99.514, 136.001.

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, 99.632, 135.988

Protanopia

70, 73.124, 95.343

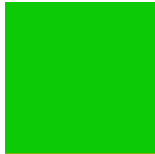
Deuteranopia

70, 65.318, 81.630



Tritanopia
71, 30.154, 214.353

Trichromacy



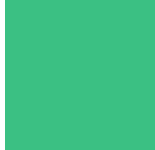
Original Color
71, 99.632, 135.988



Protanomaly
68, 79.457, 119.960



Deuteranomaly
68, 70.762, 115.386



Tritanomaly
70, 54.016, 157.586

Monochromacy



Original Color
71, 99.632, 135.988



Achromatopsia
52, 0.007, 296.813



Achromatomaly
57, 47.911, 140.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 99.514, 136.001 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(13, 202, 6)` looks like.

```
.text, #text, p{  
    color:rgb(13, 202, 6)  
}
```

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(13, 202, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 202, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 99.514, 136.001 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(13, 202, 6) }
```

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

```
.border{ border-color:rgb(13, 202, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 202, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 202, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 202, 6);  
box-shadow:4px 4px 4px 4px rgb(13, 202, 6)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 71, 99.514, 136.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 202, 6) }
```

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

```
.background{ background-color: rgb(13, 202,  
6) }
```

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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