

Converting Colors

CIELCh(73, 101.447, 136.332)

Have a look what the booklet for
CIELCh(73, 101.447, 136.332)
contains.

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Color

CIELCh(73, 101.447, 136.339)

Conversions

Conversions Part 1

Format	Color
Hex	07D00D
RGB	7, 208, 13
RGB Percent	3%, 82%, 5%
CMY	0.9734, 0.1845, 0.9494
CMYK	0.97, 0.00, 0.94, 0.18
HSL	122°, 94%, 42%
HSV	122°, 97%, 82%
XYZ	22.7029, 45.1644, 7.8982
YIQ	125.6710, -57.2010, -103.2570

Conversions

Conversions Part 2

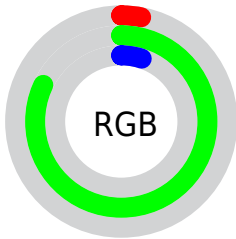
Format	Color
RYB	7, 202, 208
Decimal	512013
CIELab	73.00, -73.39, 70.04
CIElCh	73, 101.447, 136.339
Yxy	45.1644, 0.2996, 0.5961
Android (android.graphics.Color)	4278702093 (0xFF07D00D)
YUV	125.6710, -55.5468, -104.0745
Hunter-Lab	67.2044, -57.3073, 40.0751

Details

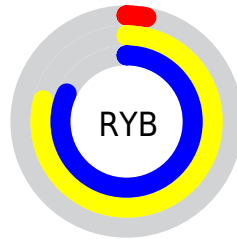
The CIELCh color **73, 101.447, 136.339** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **49, 96.214, 329.433**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 95.996, 136.265**, and **55, 81.411, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 102.177, 136.229**, and if you desaturate by 10%, it is **73, 97.790, 137.010**.

Distribution



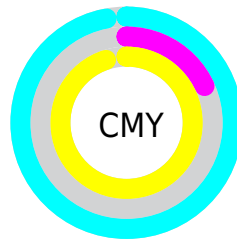
- Red (3%)
- Green (82%)
- Blue (5%)



- Red (3%)
- Yellow (79%)
- Blue (82%)



- Cyan (97%)
- Magenta (0%)
- Yellow (94%)
- Black (18%)





- Cyan (97%)
- Magenta (18%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 101.447, 136.339 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 73, 101.447, 136.339 by changing the saturation by 10% instead.


 73, 101.447,
136.339


 73, 101.447,
136.339


 100, 101.447,
136.339


 63, 101.447,
136.339


 93, 101.447,
136.339

 53, 101.447,
136.339

 43, 101.447,
136.339

 33, 101.447,
136.339

 23, 101.447,
136.339

 13, 101.447,
136.339

 3, 101.447,

136.339

■ 0, 101.447,
136.339

■ 73, 101.447,
136.339

■ 73, 101.447,
136.339

■ 73, 102.177,
136.229

■ 73, 97.790,
137.010

■ 74, 91.553,
137.994

■ 74, 83.033,
139.153

■ 75, 72.710,
140.351

■ 76, 61.066,
141.492

■ 77, 48.534,
142.526

■ 79, 35.474,
143.434

■ 80, 22.178,
144.219

■ 82, 8.872, 144.903

Harmonies

Complementary

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



73, 101.447, 136.339



49, 96.214, 329.433

Rectangle

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



73, 101.447, 136.339



73, 101.447, 186.339



73, 101.447, 316.339



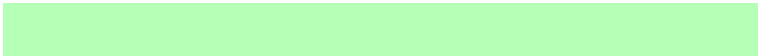
73, 101.447, 6.339

Sweetspot

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



73, 101.446, 136.340



94, 45.380, 143.210



81, 82.496, 103.918



49, 31.083, 142.819



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 101.446, 136.340



88, 119.298, 136.181



74, 73.898, 150.517



43, 7.524, 144.726



60, 87.156, 136.292



13, 30.079, 142.564

Inverse Universe

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



49, 96.214, 329.433



60, 112.792, 329.505



45, 72.039, 2.614



41, 7.536, 325.762



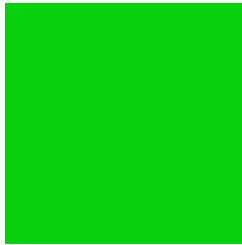
40, 82.679, 329.470



6, 30.404, 328.820

Previews

White Background



This preview shows how the CIE LCh color 73, 101.447, 136.339 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 73, 101.447, 136.339 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 73, 101.447, 136.339

Background



This preview shows how black text looks on a background with the CIELCh color 73, 101.447, 136.339.

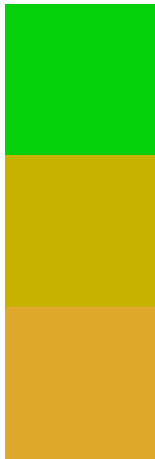


This preview shows how white text looks on a background with the CIELCh color 73, 101.447, 136.339.

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

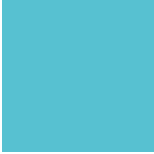
73, 101.447, 136.339

Protanopia

72, 74.713, 95.192

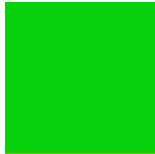
Deuteranopia

72, 66.717, 82.268



Tritanopia
73, 31.027, 213.741

Trichromacy



Original Color

73, 101.447, 136.339



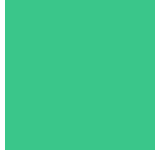
Protanomaly

70, 81.400, 120.639



Deuteranomaly

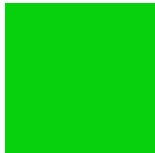
69, 72.300, 116.799



Tritanomaly

72, 54.626, 159.006

Monochromacy



Original Color

73, 101.447, 136.339



Achromatopsia

53, 0.007, 296.813



Achromatomaly

58, 48.541, 141.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 101.447, 136.339 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(7, 208, 13)` looks like.

```
.text, #text, p{  
    color:rgb(7, 208, 13)  
}
```

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(7, 208, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 208, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 101.447, 136.339 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(7, 208, 13) }
```

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

```
.border{ border-color:rgb(7, 208, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 208, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 208, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 208, 13);  
box-shadow:4px 4px 4px 4px rgb(7, 208, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 101.447, 136.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 208, 13) }
```

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

```
.background{ background-color: rgb(7, 208,  
13) }
```

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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