

Converting Colors

CIELCh(72, 99.867, 136.577)

Have a look what the booklet for
CIELCh(72, 99.867, 136.577)
contains.

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Color

CIELCh(72, 99.925, 136.563)

Conversions

Conversions Part 1

Format	Color
Hex	04CD11
RGB	4, 205, 17
RGB Percent	2%, 80%, 7%
CMY	0.9835, 0.1966, 0.9345
CMYK	0.98, 0.00, 0.92, 0.20
HSL	124°, 96%, 41%
HSV	124°, 98%, 80%
XYZ	21.9477, 43.6590, 7.7879
YIQ	123.4690, -59.4480, -101.0800

Conversions

Conversions Part 2

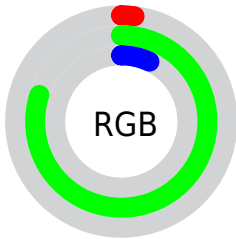
Format	Color
R_{YB}	4, 193, 205
Decimal	314641
CIE Lab	72.00, -72.56, 68.70
CIE LCh	72, 99.925, 136.563
Yxy	43.6590, 0.2990, 0.5949
Android (android.graphics.Color)	4278504721 (0xFF04CD11)
YUV	123.4690, -52.4892, -104.7743
Hunter-Lab	66.0750, -56.3400, 39.2643

Details

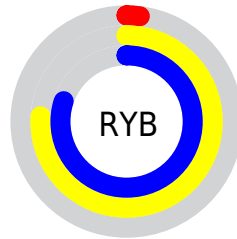
The CIELCh color **72, 99.925, 136.563** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **48, 92.992, 330.831**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 95.952, 136.616**, and **53, 80.232, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **72, 100.453, 136.465**, and if you desaturate by 10%, it is **72, 96.104, 137.395**.

Distribution



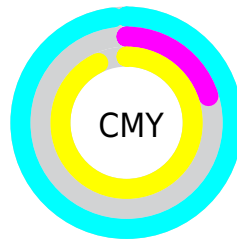
- Red (2%)
- Green (80%)
- Blue (7%)



- Red (2%)
- Yellow (76%)
- Blue (80%)



- Cyan (98%)
- Magenta (0%)
- Yellow (92%)
- Black (20%)





- Cyan (98%)
- Magenta (20%)
- Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 99.925, 136.563 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 72, 99.925, 136.563 by changing the saturation by 10% instead.


 72, 99.925,
136.563

 72, 99.925,
136.563


 100, 99.925,
136.563


 62, 99.925,
136.563


 92, 99.925,
136.563

 52, 99.925,
136.563

 42, 99.925,
136.563

 32, 99.925,
136.563

 22, 99.925,
136.563

 12, 99.925,
136.563

 2, 99.925, 136.563

■ 0, 99.925, 136.563

■ 72, 99.925,
136.563

■ 72, 99.925,
136.563

■ 72, 100.453,
136.465

■ 72, 96.104,
137.395

■ 73, 89.924,
138.514

■ 73, 81.645,
139.765

■ 74, 71.688,
141.025

■ 75, 60.482,
142.209

■ 76, 48.415,
143.275

■ 77, 35.824,
144.208

■ 79, 22.987,
145.014

■ 81, 10.119,
145.714

Harmonies

Complementary

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



72, 99.925, 136.563



48, 92.992, 330.831

Rectangle

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



72, 99.925, 136.563



72, 99.925, 186.563



72, 99.925, 316.563



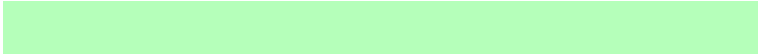
72, 99.925, 6.563

Sweetspot

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



72, 99.924, 136.564



94, 44.400, 144.082



79, 81.925, 105.942



49, 30.415, 143.687



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 99.924, 136.564



88, 118.741, 136.373



73, 70.973, 152.077



42, 7.212, 145.617



59, 85.564, 136.588



12, 27.830, 143.951

Inverse Universe

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



48, 92.992, 330.831



59, 109.956, 330.929



44, 71.220, 6.258



40, 7.225, 326.662



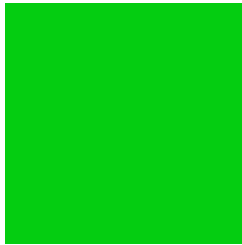
39, 79.755, 330.851



5, 27.624, 329.598

Previews

White Background



This preview shows how the CIELCh color 72, 99.925, 136.563 looks on a white background.

Color Contrast Check

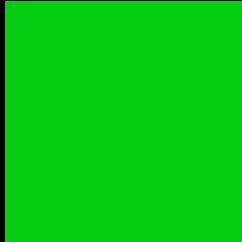
Large Text (above 18pt) WCAG AA × Fail

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 72, 99.925, 136.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

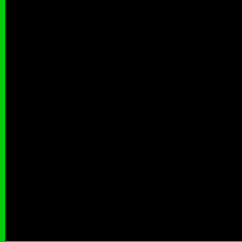
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 99.925, 136.563

Background



This preview shows how black text looks on a background with the CIELCh color 72, 99.925, 136.563.

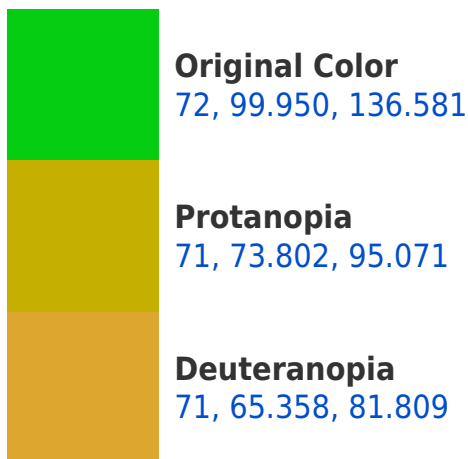


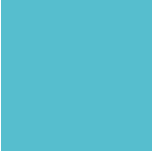
This preview shows how white text looks on a background with the CIELCh color 72, 99.925, 136.563.

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](#).

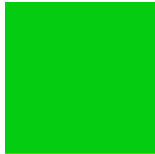
Dichromacy





Tritanopia
72, 30.591, 214.042

Trichromacy



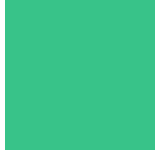
Original Color
72, 99.950, 136.581



Protanomaly
69, 80.430, 120.899



Deuteranomaly
68, 70.657, 116.862



Tritanomaly
71, 53.696, 159.581

Monochromacy



Original Color
72, 99.950, 136.581



Achromatopsia
52, 0.007, 296.813



Achromatomaly
57, 47.780, 142.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 99.925, 136.563 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(4, 205, 17)` looks like.

```
.text, #text, p{  
    color:rgb(4, 205, 17)  
}
```

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(4, 205, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 205, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 99.925, 136.563 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(4, 205, 17) }
```

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

```
.border{ border-color:rgb(4, 205, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 205, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 205, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 205, 17);  
box-shadow:4px 4px 4px 4px rgb(4, 205, 17)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 72, 99.925, 136.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 205, 17) }
```

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

```
.background{ background-color: rgb(4, 205,  
17) }
```

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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