

Converting Colors

CIELCh(72, 100.910, 135.780)

Have a look what the booklet for
CIELCh(72, 100.910, 135.780)
contains.

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Color

CIELCh(72, 101.015, 135.783)

Conversions

Conversions Part 1

Format	Color
Hex	0FCD01
RGB	15, 205, 1
RGB Percent	6%, 80%, 0%
CMY	0.9410, 0.1970, 0.9945
CMYK	0.93, 0.00, 0.99, 0.20
HSL	116°, 99%, 40%
HSV	116°, 99%, 80%
XYZ	21.9823, 43.6590, 7.3080
YIQ	124.9340, -47.7560, -103.7240

Conversions

Conversions Part 2

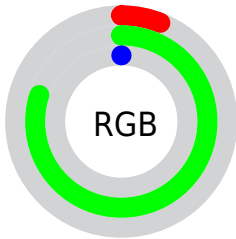
Format	Color
RYB	1, 205, 191
Decimal	1035521
CIELab	72.00, -72.40, 70.45
CIELCh	72, 101.015, 135.783
Yxy	43.6590, 0.3013, 0.5985
Android (android.graphics.Color)	4279225601 (0xFF0FCD01)
YUV	124.9340, -61.0995, -96.4121
Hunter-Lab	66.0750, -56.2467, 39.6949

Details

The CIELCh color **72, 101.015, 135.783** 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 **46, 98.200, 325.604**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 97.267, 135.771**, and **53, 80.232, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **72, 101.176, 135.764**, and if you desaturate by 10%, it is **72, 98.025, 135.965**.

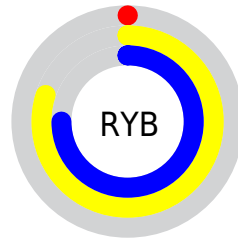
Distribution



Red (6%)

Green (80%)

Blue (0%)



Red (0%)

Yellow (80%)

Blue (75%)

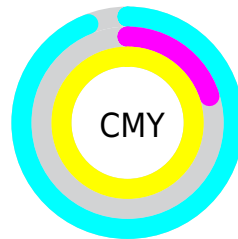


Cyan (93%)

Magenta (0%)

Yellow (99%)

Black (20%)



Cyan (94%)


Magenta (20%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 101.015, 135.783 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, 101.015, 135.783 by changing the saturation by 10% instead.


 72, 101.015,
135.783


 72, 101.015,
135.783


 100, 101.015,
135.783


 62, 101.015,
135.783


 92, 101.015,
135.783


 52, 101.015,
135.783

 42, 101.015,
135.783

 32, 101.015,
135.783

 22, 101.015,
135.783

 12, 101.015,
135.783

 2, 101.015,

135.783

■ 0, 101.015,
135.783

■ 72, 101.015,
135.783

■ 72, 101.015,
135.783

■ 72, 101.176,
135.764

■ 72, 98.025,
135.965

■ 73, 92.550,
136.439

■ 73, 84.616,
137.202

■ 74, 74.726,
138.118

■ 75, 63.422,
139.067

■ 76, 51.173,
139.972

■ 77, 38.358,
140.793

■ 79, 25.270,
141.518

■ 81, 12.131,
142.152

Harmonies

Complementary

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



72, 101.015, 135.783



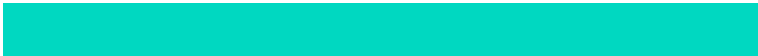
46, 98.200, 325.604

Rectangle

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



72, 101.015, 135.783



72, 101.015, 185.783



72, 101.015, 315.783



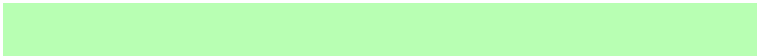
72, 101.015, 5.783

Sweetspot

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



72, 101.014, 135.784



94, 46.887, 140.710



75, 77.253, 97.231



49, 31.933, 140.367



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, 101.014, 135.784



88, 119.446, 135.814



72, 81.792, 145.305



42, 7.364, 142.148



59, 86.383, 135.698



12, 28.124, 141.606

Inverse Universe

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



46, 98.200, 325.604



57, 116.026, 325.561



45, 73.425, 354.390



40, 7.384, 323.083



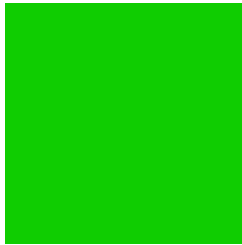
37, 84.031, 325.633



5, 28.371, 324.920

Previews

White Background



This preview shows how the CIELCh color 72, 101.015, 135.783 looks on a white background.

Color Contrast Check

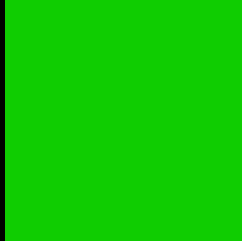
Large Text (above 18pt) WCAG AA × Fail

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, 101.015, 135.783 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, 101.015, 135.783

Background



This preview shows how black text looks on a background with the CIELCh color 72, 101.015, 135.783.



This preview shows how white text looks on a background with the CIELCh color 72, 101.015, 135.783.

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

72, 101.134, 135.771

Protanopia

71, 73.802, 95.071

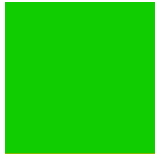
Deuteranopia

71, 66.340, 82.022



Tritanopia
72, 30.407, 214.158

Trichromacy



Original Color

72, 101.134, 135.771



Protanomaly

69, 80.428, 119.707



Deuteranomaly

69, 72.094, 115.437



Tritanomaly

71, 54.946, 157.044

Monochromacy



Original Color

72, 101.134, 135.771



Achromatopsia

52, 0.007, 296.813



Achromatomaly

58, 49.153, 139.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 101.015, 135.783 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(15, 205, 1)` looks like.

```
.text, #text, p{  
    color:rgb(15, 205, 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(15, 205, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 205, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 101.015, 135.783 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(15, 205, 1) }
```

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

```
.border{ border-color:rgb(15, 205, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 205, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 205, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 205, 1);  
box-shadow:4px 4px 4px 4px rgb(15, 205, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 72, 101.015, 135.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 205, 1) }
```

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

```
.background{ background-color: rgb(15, 205,  
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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