

Converting Colors

CIELCh(72, 100.855, 135.739)

Have a look what the booklet for
CIELCh(72, 100.855, 135.739)
contains.

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Color

CIELCh(72, 100.945, 135.732)

Conversions

Conversions Part 1

Format	Color
Hex	11CD01
RGB	17, 205, 1
RGB Percent	7%, 80%, 0%
CMY	0.9334, 0.1971, 0.9949
CMYK	0.92, 0.00, 0.99, 0.20
HSL	115°, 99%, 40%
HSV	115°, 99%, 80%
XYZ	22.0065, 43.6590, 7.3038
YIQ	125.5320, -46.5640, -103.3000

Conversions

Conversions Part 2

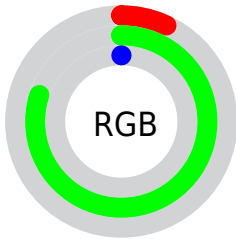
Format	Color
RYB	1, 205, 189
Decimal	1166593
CIELab	72.00, -72.28, 70.46
CIELCh	72, 100.945, 135.732
Yxy	43.6590, 0.3016, 0.5983
Android (android.graphics.Color)	4279356673 (0xFF11CD01)
YUV	125.5320, -61.3943, -95.1826
Hunter-Lab	66.0750, -56.1811, 39.6987

Details

The CIELCh color **72, 100.945, 135.732** 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, 98.275, 325.216**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 97.127, 135.658**, and **53, 80.232, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **72, 101.098, 135.717**, and if you desaturate by 10%, it is **72, 97.913, 135.874**.

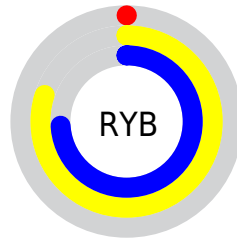
Distribution



Red (7%)

Green (80%)

Blue (0%)



Red (0%)

Yellow (80%)

Blue (74%)

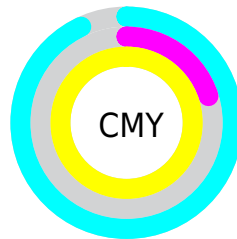


Cyan (92%)

Magenta (0%)

Yellow (99%)

Black (20%)



Cyan (93%)


Magenta (20%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 100.945, 135.732 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, 100.945, 135.732 by changing the saturation by 10% instead.


 72, 100.945,
135.732


 72, 100.945,
135.732


 100, 100.945,
135.732


 62, 100.945,
135.732


 92, 100.945,
135.732

 52, 100.945,
135.732

 42, 100.945,
135.732

 32, 100.945,
135.732

 22, 100.945,
135.732

 12, 100.945,
135.732

 2, 100.945,

135.732

■ 0, 100.945,
135.732

■ 72, 100.945,
135.732

■ 72, 100.945,
135.732

■ 72, 101.098,
135.717

■ 72, 97.913,
135.874

■ 73, 92.410,
136.308

■ 73, 84.463,
137.035

■ 74, 74.575,
137.921

■ 75, 63.288,
138.846

■ 76, 51.070,
139.732

■ 77, 38.293,
140.538

■ 79, 25.249,
141.252

■ 81, 12.155,
141.878

Harmonies

Complementary

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



72, 100.945, 135.732



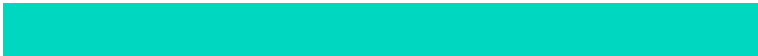
46, 98.275, 325.216

Rectangle

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



72, 100.945, 135.732



72, 100.945, 185.732



72, 100.945, 315.732



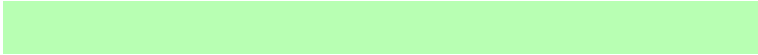
72, 100.945, 5.732

Sweetspot

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



72, 100.944, 135.733



94, 46.737, 140.460



75, 77.251, 97.228



49, 31.832, 140.123



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, 100.944, 135.733



88, 119.377, 135.772



72, 81.805, 145.295



42, 7.340, 141.876



59, 86.321, 135.645



12, 28.041, 141.405

Inverse Universe

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



46, 98.275, 325.216



57, 116.122, 325.168



45, 73.419, 354.405



40, 7.362, 322.800



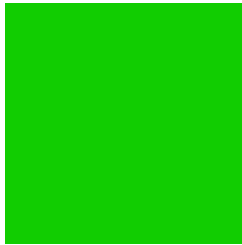
37, 84.098, 325.250



5, 28.267, 324.523

Previews

White Background



This preview shows how the CIELCh color 72, 100.945, 135.732 looks on a white background.

Color Contrast Check

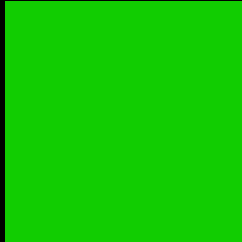
Large Text (above 18pt) WCAG AA × Fail

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, 100.945, 135.732 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, 100.945, 135.732

Background



This preview shows how black text looks on a background with the CIELCh color 72, 100.945, 135.732.



This preview shows how white text looks on a background with the CIELCh color 72, 100.945, 135.732.

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

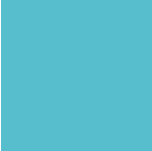
72, 101.067, 135.723

Protanopia

71, 73.802, 95.071

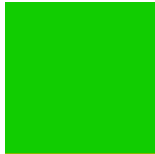
Deuteranopia

71, 66.340, 82.022



Tritanopia
72, 30.407, 214.158

Trichromacy



Original Color

72, 101.067, 135.723



Protanomaly

69, 80.406, 119.414



Deuteranomaly

69, 72.221, 115.058



Tritanomaly

71, 54.807, 156.944

Monochromacy



Original Color

72, 101.067, 135.723



Achromatopsia

52, 0.007, 296.813



Achromatomaly

58, 48.958, 138.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 100.945, 135.732 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(17, 205, 1)` looks like.

```
.text, #text, p{  
    color:rgb(17, 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(17, 205, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 205, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 100.945, 135.732 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(17, 205, 1) }
```

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

```
.border{ border-color:rgb(17, 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(17, 205, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 205, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 205, 1);  
box-shadow:4px 4px 4px 4px rgb(17, 205, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 72, 100.945, 135.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 205, 1) }
```

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

```
.background{ background-color: rgb(17, 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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