

Converting Colors

CIELCh(72, 97.468, 137.585)

Have a look what the booklet for
CIELCh(72, 97.468, 137.585)
contains.

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Color

CIELCh(72, 97.633, 137.552)

Conversions

Conversions Part 1

Format	Color
Hex	03CD20
RGB	3, 205, 32
RGB Percent	1%, 80%, 13%
CMY	0.9897, 0.1971, 0.8759
CMYK	0.99, 0.00, 0.85, 0.20
HSL	129°, 97%, 41%
HSV	129°, 99%, 80%
XYZ	22.0587, 43.6590, 8.6056
YIQ	124.8800, -64.8590, -96.6270

Conversions

Conversions Part 2

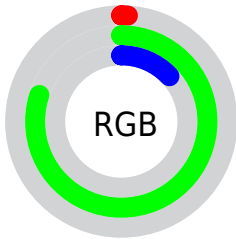
Format	Color
RYB	3, 180, 205
Decimal	249120
CIELab	72.00, -72.04, 65.89
CIELCh	72, 97.633, 137.552
Yxy	43.6590, 0.2968, 0.5874
Android (android.graphics.Color)	4278439200 (0xFF03CD20)
YUV	124.8800, -45.7898, -106.8888
Hunter-Lab	66.0750, -56.0401, 38.5306

Details

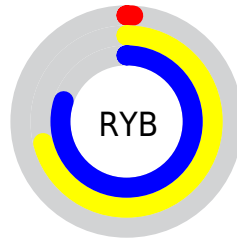
The CIELCh color **72, 97.633, 137.552** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **47, 87.350, 334.874**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 93.776, 137.661**, and **53, 80.232, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **72, 98.115, 137.424**, and if you desaturate by 10%, it is **72, 92.969, 138.843**.

Distribution



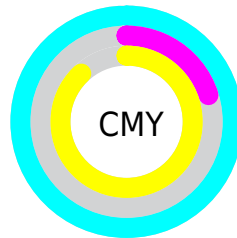
- Red (1%)
- Green (80%)
- Blue (13%)



- Red (1%)
- Yellow (71%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (85%)
- Black (20%)





- Cyan (99%)
- Magenta (20%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 97.633, 137.552 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, 97.633, 137.552 by changing the saturation by 10% instead.


 72, 97.633,
137.552


 72, 97.633,
137.552


 100, 97.633,
137.552


 62, 97.633,
137.552


 92, 97.633,
137.552

 52, 97.633,
137.552

 42, 97.633,
137.552

 32, 97.633,
137.552

 22, 97.633,
137.552

 12, 97.633,
137.552

 2, 97.633, 137.552

■ 0, 97.633, 137.552

■ 72, 97.633,
137.552

■ 72, 97.633,
137.552

■ 72, 98.115,
137.424

■ 72, 92.969,
138.843

■ 73, 86.436,
140.306

■ 73, 78.231,
141.782

■ 74, 68.650,
143.180

■ 75, 58.009,
144.449

■ 76, 46.613,
145.571

■ 77, 34.741,
146.546

■ 79, 22.634,
147.388

■ 81, 10.487,
148.121

Harmonies

Complementary

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



72, 97.633, 137.552



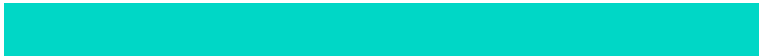
47, 87.350, 334.874

Rectangle

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



72, 97.633, 137.552



72, 97.633, 187.552



72, 97.633, 317.552



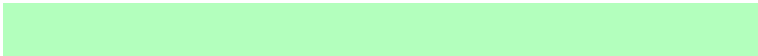
72, 97.633, 7.552

Sweetspot

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



72, 97.633, 137.553



94, 43.358, 146.393



78, 82.882, 110.925



49, 29.528, 145.984



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, 97.633, 137.553



88, 116.223, 137.259



73, 64.748, 157.061



42, 6.811, 148.073



59, 83.443, 137.628



12, 26.721, 145.406

Inverse Universe

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



47, 87.350, 334.874



58, 103.063, 335.067



44, 72.148, 14.655



40, 6.828, 329.164



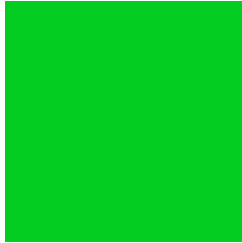
38, 74.884, 334.850



5, 25.837, 332.803

Previews

White Background



This preview shows how the CIELCh color 72, 97.633, 137.552 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, 97.633, 137.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

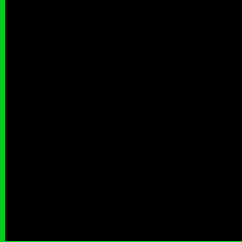
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 97.633, 137.552

Background



This preview shows how black text looks on a background with the CIELCh color 72, 97.633, 137.552.

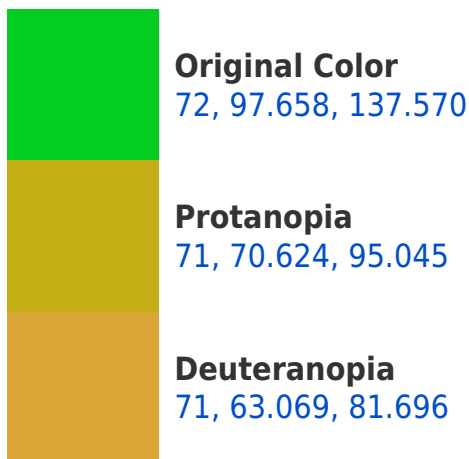


This preview shows how white text looks on a background with the CIELCh color 72, 97.633, 137.552.

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](#).

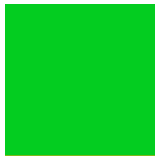
Dichromacy





Tritanopia
72, 30.946, 212.733

Trichromacy



Original Color
72, 97.658, 137.570



Protanomaly
69, 77.726, 122.040

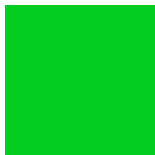


Deuteranomaly
68, 68.233, 118.260



Tritanomaly
71, 52.097, 162.016

Monochromacy



Original Color
72, 97.658, 137.570



Achromatopsia
52, 0.007, 296.813



Achromatomaly
58, 45.111, 144.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 97.633, 137.552 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(3, 205, 32)` looks like.

```
.text, #text, p{  
    color:rgb(3, 205, 32)  
}
```

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(3, 205, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 205, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 97.633, 137.552 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(3, 205, 32) }
```

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

```
.border{ border-color:rgb(3, 205, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 205, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 205, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 205, 32);  
box-shadow:4px 4px 4px 4px rgb(3, 205, 32)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 72, 97.633, 137.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 205, 32) }
```

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

```
.background{ background-color: rgb(3, 205,  
32) }
```

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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