

Converting Colors

CIELCh(71, 92.392, 139.627)

Have a look what the booklet for
CIELCh(71, 92.392, 139.627)
contains.

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Color

CIELCh(71, 91.898, 139.597)

Conversions

Conversions Part 1

Format	Color
Hex	02C932
RGB	2, 201, 50
RGB Percent	1%, 79%, 20%
CMY	0.9928, 0.2103, 0.8024
CMYK	0.99, 0.00, 0.75, 0.21
HSL	135°, 98%, 40%
HSV	135°, 99%, 79%
XYZ	21.5780, 42.1875, 10.0667
YIQ	124.2850, -70.1330, -89.1490

Conversions

Conversions Part 2

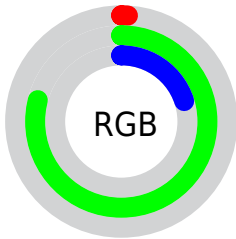
Format	Color
RYB	2, 162, 201
Decimal	182578
CIELab	71.00, -69.98, 59.56
CIELCh	71, 91.898, 139.597
Yxy	42.1875, 0.2923, 0.5714
Android (android.graphics.Color)	4278372658 (0xFF02C932)
YUV	124.2850, -36.6225, -107.2439
Hunter-Lab	64.9519, -54.3656, 36.2772

Details

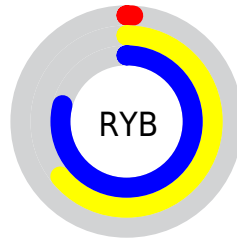
The CIELCh color **71, 91.898, 139.597** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45, 80.137, 340.880**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 89.886, 139.665**, and **52, 78.653, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 92.323, 139.458**, and if you desaturate by 10%, it is **71, 86.665, 141.332**.

Distribution



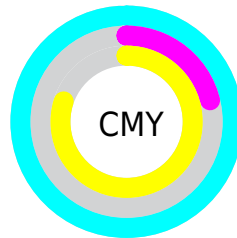
- Red (1%)
- Green (79%)
- Blue (20%)



- Red (1%)
- Yellow (64%)
- Blue (79%)



- Cyan (99%)
- Magenta (0%)
- Yellow (75%)
- Black (21%)





- Cyan (99%)
- Magenta (21%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 91.898, 139.597 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 71, 91.898, 139.597 by changing the saturation by 10% instead.


 71, 91.898,
139.597


 71, 91.898,
139.597


 100, 91.898,
139.597


 61, 91.898,
139.597


 91, 91.898,
139.597

 51, 91.898,
139.597

 41, 91.898,
139.597

 31, 91.898,
139.597

 21, 91.898,
139.597

 11, 91.898,
139.597

 1, 91.898, 139.597

■ 0, 91.898, 139.597

■ 71, 91.898,
139.597

■ 71, 91.898,
139.597

■ 71, 92.323,
139.458

■ 71, 86.665,
141.332

■ 72, 80.102,
143.102

■ 72, 72.276,
144.773

■ 73, 63.362,
146.294

■ 74, 53.571,
147.644

■ 75, 43.131,
148.823

■ 76, 32.268,
149.847

■ 78, 21.183,
150.735

■ 79, 10.046,
151.516

Harmonies

Complementary

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



71, 91.898, 139.597



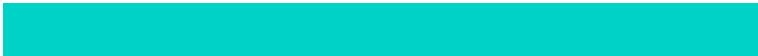
45, 80.137, 340.880

Rectangle

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



71, 91.898, 139.597



71, 91.898, 189.597



71, 91.898, 319.597



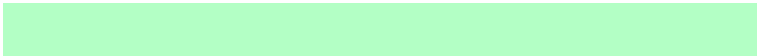
71, 91.898, 9.597

Sweetspot

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



71, 91.898, 139.598



94, 40.292, 149.720



75, 83.751, 116.502



49, 27.437, 149.292



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 91.898, 139.598



88, 110.966, 139.201



72, 56.559, 164.662



41, 6.206, 151.495



58, 78.452, 139.747



11, 23.589, 148.181

Inverse Universe

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



45, 80.137, 340.880



57, 95.575, 341.236



42, 74.445, 23.952



39, 6.230, 332.663



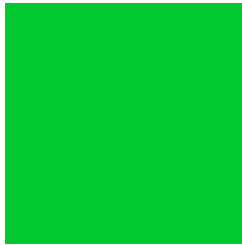
36, 68.785, 340.765



4, 21.602, 337.281

Previews

White Background



This preview shows how the CIE LCh color 71, 91.898, 139.597 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 71, 91.898, 139.597 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 71, 91.898, 139.597

Background



This preview shows how black text looks on a background with the CIELCh color 71, 91.898, 139.597.

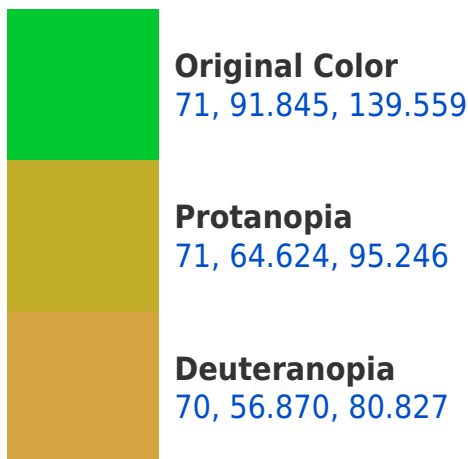


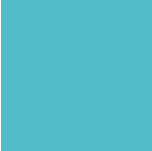
This preview shows how white text looks on a background with the CIELCh color 71, 91.898, 139.597.

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
71, 30.690, 212.910

Trichromacy



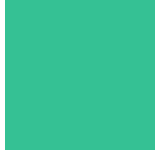
Original Color
71, 91.845, 139.559



Protanomaly
68, 71.485, 123.813



Deuteranomaly
68, 62.332, 120.482



Tritanomaly
70, 49.001, 165.611

Monochromacy



Original Color
71, 91.845, 139.559



Achromatopsia
52, 0.007, 296.813



Achromatomaly
57, 41.480, 147.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 91.898, 139.597 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(2, 201, 50)` looks like.

```
.text, #text, p{  
    color:rgb(2, 201, 50)  
}
```

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(2, 201, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 201, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 91.898, 139.597 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(2, 201, 50) }
```

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

```
.border{ border-color:rgb(2, 201, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 201, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 201, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 201, 50);  
box-shadow:4px 4px 4px 4px rgb(2, 201, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 71, 91.898, 139.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 201, 50) }
```

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

```
.background{ background-color: rgb(2, 201,  
50) }
```

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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