

Converting Colors

CIELCh(71, 91.450, 139.059)

Have a look what the booklet for
CIELCh(71, 91.450, 139.059)
contains.

CIELCh(71, 91.519, 139.002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 91.519, 139.002)

Conversions

Conversions Part 1

Format	Color
Hex	15C931
RGB	21, 201, 49
RGB Percent	8%, 79%, 19%
CMY	0.9168, 0.2115, 0.8075
CMYK	0.89, 0.00, 0.76, 0.21
HSL	129°, 81%, 44%
HSV	129°, 89%, 79%
XYZ	21.7713, 42.1875, 9.9089
YIQ	129.8520, -58.4880, -85.4320

Conversions

Conversions Part 2

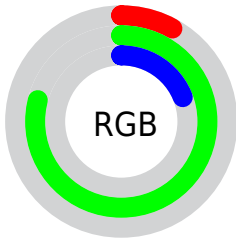
Format	Color
RYB	21, 177, 201
Decimal	1427761
CIELab	71.00, -69.07, 60.04
CIElCh	71, 91.519, 139.002
Yxy	42.1875, 0.2947, 0.5711
Android (android.graphics.Color)	4279617841 (0xFF15C931)
YUV	129.8520, -39.8600, -95.4632
Hunter-Lab	64.9519, -53.8342, 36.4212

Details

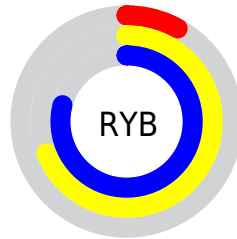
The CIELCh color **71, 91.519, 139.002** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **47, 84.236, 334.769**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 89.673, 139.061**, and **52, 78.653, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 96.123, 137.680**, and if you desaturate by 10%, it is **71, 85.149, 140.501**.

Distribution



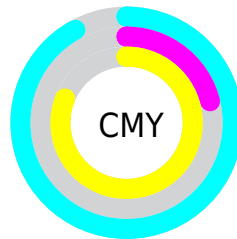
- Red (8%)
- Green (79%)
- Blue (19%)



- Red (8%)
- Yellow (69%)
- Blue (79%)



- Cyan (89%)
- Magenta (0%)
- Yellow (76%)
- Black (21%)





- Cyan (92%)
- Magenta (21%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 91.519, 139.002 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, 91.519, 139.002 by changing the saturation by 10% instead.


 71, 91.519,
139.002


 71, 91.519,
139.002


 100, 91.519,
139.002


 61, 91.519,
139.002


 91, 91.519,
139.002


 51, 91.519,
139.002

 41, 91.519,
139.002

 31, 91.519,
139.002

 21, 91.519,
139.002

 11, 91.519,
139.002

 1, 91.519, 139.002

0, 91.519, 139.002

71, 91.519,
139.002

71, 91.519,
139.002

71, 96.123,
137.680

71, 85.149,
140.501

71, 96.333,
137.622

72, 77.169,
142.005

73, 67.855,
143.426

73, 57.501,
144.713

75, 46.400,
145.850

76, 34.820,
146.838

■ 77, 22.998,
147.692

■ 79, 11.124,
148.435

■ 81, 0.652, 328.578

Harmonies

Complementary

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



71, 91.519, 139.002



47, 84.236, 334.769

Rectangle

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



71, 91.519, 139.002



71, 91.519, 189.002



71, 91.519, 319.002



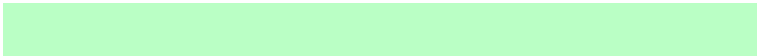
71, 91.519, 9.002

Sweetspot

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



71, 91.519, 139.003



94, 38.730, 147.026



77, 79.668, 111.452



50, 26.077, 146.709



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, 91.519, 139.003



88, 115.742, 137.432



72, 59.429, 160.272



41, 6.616, 148.441



58, 82.080, 137.839



11, 24.664, 146.384

Inverse Universe

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



47, 84.236, 334.769



58, 102.151, 335.705



44, 68.661, 11.447



39, 6.633, 329.535



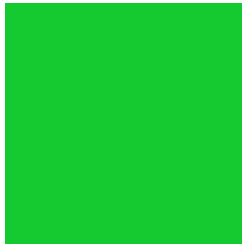
37, 73.405, 335.455



4, 23.365, 332.891

Previews

White Background



This preview shows how the CIELCh color 71, 91.519, 139.002 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, 91.519, 139.002 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, 91.519, 139.002

Background



This preview shows how black text looks on a background with the CIELCh color 71, 91.519, 139.002.

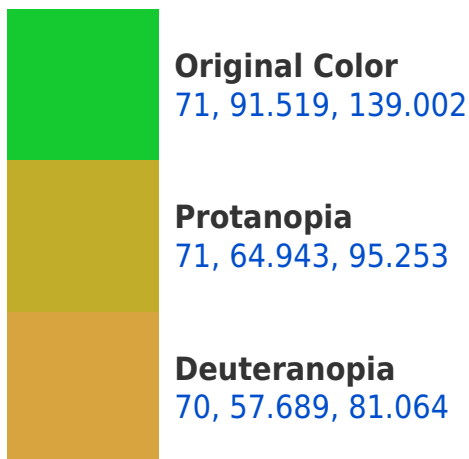


This preview shows how white text looks on a background with the CIELCh color 71, 91.519, 139.002.

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, 30.154, 214.353

Trichromacy



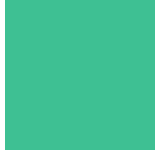
Original Color
71, 91.519, 139.002



Protanomaly
69, 70.802, 121.697



Deuteranomaly
68, 61.294, 117.201



Tritanomaly
70, 47.614, 164.727

Monochromacy



Original Color
71, 91.519, 139.002



Achromatopsia
54, 0.007, 296.813



Achromatomaly
59, 40.050, 145.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 91.519, 139.002 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(21, 201, 49)` looks like.

```
.text, #text, p{  
    color:rgb(21, 201, 49)  
}
```

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(21, 201, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 201, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 91.519, 139.002 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(21, 201, 49) }
```

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

```
.border{ border-color:rgb(21, 201, 49) }
```

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

Here you see how a box with a 4 pixel rgb(21, 201, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 201, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 201, 49);  
box-shadow:4px 4px 4px 4px rgb(21, 201,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 91.519, 139.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 201, 49) }
```

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

```
.background{ background-color: rgb(21, 201,  
49) }
```

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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