

Converting Colors

CIELCh(71, 96.976, 134.424)

Have a look what the booklet for
CIELCh(71, 96.976, 134.424)
contains.

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Color

CIELCh(71, 97.201, 134.422)

Conversions

Conversions Part 1

Format	Color
Hex	2FC905
RGB	47, 201, 5
RGB Percent	18%, 79%, 2%
CMY	0.8147, 0.2135, 0.9812
CMYK	0.76, 0.00, 0.98, 0.21
HSL	107°, 95%, 40%
HSV	107°, 98%, 79%
XYZ	21.9936, 42.1875, 7.1208
YIQ	132.6100, -28.8680, -93.6040

Conversions

Conversions Part 2

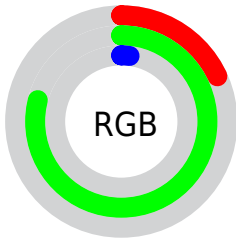
Format	Color
RYB	5, 201, 159
Decimal	3131653
CIELab	71.00, -68.03, 69.42
CIELCh	71, 97.201, 134.422
Yxy	42.1875, 0.3085, 0.5917
Android (android.graphics.Color)	4281321733 (0xFF2FC905)
YUV	132.6100, -62.9117, -75.0800
Hunter-Lab	64.9519, -53.2233, 38.9662

Details

The CIELCh color **71, 97.201, 134.422** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **41, 97.905, 320.189**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 95.543, 134.321**, and **52, 78.653, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 97.945, 134.499**, and if you desaturate by 10%, it is **71, 93.303, 134.065**.

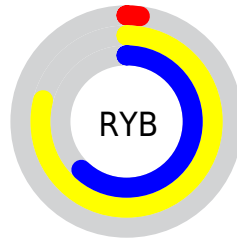
Distribution



 Red (18%)

 Green (79%)

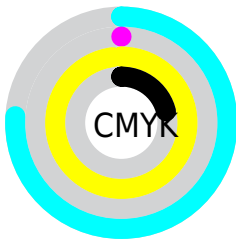
 Blue (2%)




 Red (2%)

 Yellow (79%)

 Blue (62%)

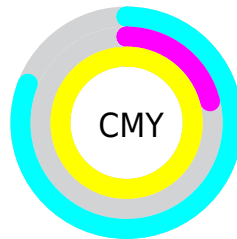



 Cyan (76%)

 Magenta (0%)

 Yellow (98%)

 Black (21%)



 Cyan (81%)


 Magenta (21%)

 Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 97.201, 134.422 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, 97.201, 134.422 by changing the saturation by 10% instead.


 71, 97.201,
134.422

 71, 97.201,
134.422


 100, 97.201,
134.422


 61, 97.201,
134.422


 91, 97.201,
134.422

 51, 97.201,
134.422

 41, 97.201,
134.422

 31, 97.201,
134.422

 21, 97.201,
134.422

 11, 97.201,
134.422

 1, 97.201, 134.422

■ 0, 97.201, 134.422

■ 71, 97.201,
134.422

■ 71, 97.201,
134.422

■ 71, 97.945,
134.499

■ 71, 93.303,
134.065

■ 72, 87.055,
134.087

■ 72, 78.701,
134.438

■ 73, 68.759,
134.989

■ 74, 57.726,
135.629

■ 75, 46.000,
136.281

■ 77, 33.881,
136.902

■ 78, 21.590,
137.470

■ 80, 9.287, 137.985

Harmonies

Complementary

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



71, 97.201, 134.422



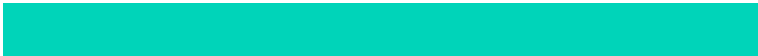
41, 97.905, 320.189

Rectangle

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



71, 97.201, 134.422



71, 97.201, 184.422



71, 97.201, 314.422



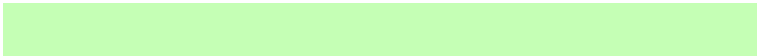
71, 97.201, 4.422

Sweetspot

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



71, 97.200, 134.423



95, 43.235, 136.793



66, 69.836, 85.224



50, 29.631, 136.527



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, 97.200, 134.423



88, 117.574, 134.636



71, 89.577, 140.469



41, 6.882, 137.897



59, 83.883, 134.348



11, 25.030, 139.264

Inverse Universe

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



41, 97.905, 320.189



51, 118.146, 319.968



45, 78.537, 342.219



39, 6.923, 318.692



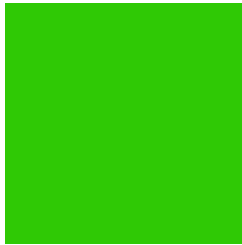
32, 84.525, 320.185



3, 24.291, 317.642

Previews

White Background



This preview shows how the CIE LCh color 71, 97.201, 134.422 looks on a white background.

Color Contrast Check

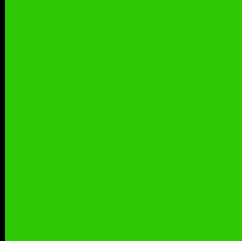
Large Text (above 18pt) WCAG AA × Fail

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, 97.201, 134.422 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, 97.201, 134.422

Background



This preview shows how black text looks on a background with the CIELCh color 71, 97.201, 134.422.



This preview shows how white text looks on a background with the CIELCh color 71, 97.201, 134.422.

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

71, 97.377, 134.456

Protanopia

70, 73.124, 95.343

Deuteranopia

70, 65.641, 81.701



Tritanopia
71, 28.200, 215.714

Trichromacy



Original Color
71, 97.377, 134.456



Protanomaly
69, 77.864, 116.347



Deuteranomaly
68, 69.978, 111.249



Tritanomaly
70, 51.067, 155.246

Monochromacy



Original Color
71, 97.377, 134.456



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 45.149, 135.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 97.201, 134.422 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(47, 201, 5)` looks like.

```
.text, #text, p{  
    color:rgb(47, 201, 5)  
}
```

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(47, 201, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 201, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 97.201, 134.422 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(47, 201, 5) }
```

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

```
.border{ border-color:rgb(47, 201, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 201, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 201, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 201, 5);  
box-shadow:4px 4px 4px 4px rgb(47, 201, 5)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 71, 97.201, 134.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 201, 5) }
```

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

```
.background{ background-color: rgb(47, 201,  
5) }
```

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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