

Converting Colors

CIELCh(71, 97.970, 134.577)

Have a look what the booklet for
CIELCh(71, 97.970, 134.577)
contains.

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Color

CIELCh(71, 98.066, 134.574)

Conversions

Conversions Part 1

Format	Color
Hex	2BC900
RGB	43, 201, 0
RGB Percent	17%, 79%, 0%
CMY	0.8328, 0.2125, 0.9981
CMYK	0.79, 0.00, 1.00, 0.21
HSL	107°, 100%, 39%
HSV	107°, 100%, 79%
XYZ	21.8240, 42.1875, 7.0060
YIQ	130.8440, -29.6470, -96.0070

Conversions

Conversions Part 2

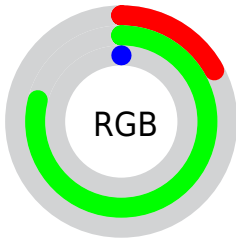
Format	Color
RYB	0, 201, 158
Decimal	2869504
CIELab	71.00, -68.83, 69.86
CIELCh	71, 98.066, 134.574
Yxy	42.1875, 0.3073, 0.5940
Android (android.graphics.Color)	4281059584 (0xFF2BC900)
YUV	130.8440, -64.5061, -77.0392
Hunter-Lab	64.9519, -53.6893, 39.0710

Details

The CIELCh color **71, 98.066, 134.574** 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 **40, 98.478, 320.310**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 96.151, 134.459**, and **52, 78.653, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 98.139, 134.581**, and if you desaturate by 10%, it is **71, 94.546, 134.218**.

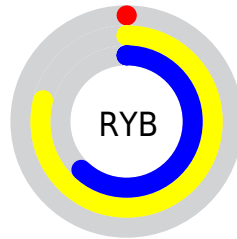
Distribution



Red (17%)

Green (79%)

Blue (0%)



Red (0%)

Yellow (79%)

Blue (62%)

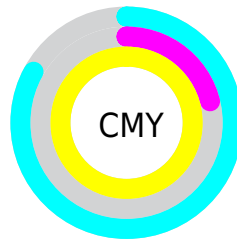


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (83%)


Magenta (21%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 98.066, 134.574 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, 98.066, 134.574 by changing the saturation by 10% instead.


 71, 98.066,
134.574


 71, 98.066,
134.574


 100, 98.066,
134.574


 61, 98.066,
134.574


 91, 98.066,
134.574

 51, 98.066,
134.574

 41, 98.066,
134.574

 31, 98.066,
134.574

 21, 98.066,
134.574

 11, 98.066,
134.574

 1, 98.066, 134.574

■ 0, 98.066, 134.574

■ 71, 98.066,
134.574

■ 71, 98.066,
134.574

■ 71, 98.139,
134.581

■ 71, 94.546,
134.218

■ 72, 88.812,
134.175

■ 72, 80.865,
134.482

■ 73, 71.205,
135.015

■ 74, 60.344,
135.656

■ 75, 48.707,
136.319

■ 76, 36.617,
136.956

■ 78, 24.310,
137.541

■ 79, 11.961,
138.070

Harmonies

Complementary

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



71, 98.066, 134.574



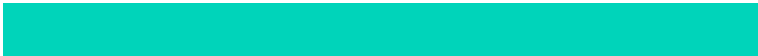
40, 98.478, 320.310

Rectangle

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



71, 98.066, 134.574



71, 98.066, 184.574



71, 98.066, 314.574



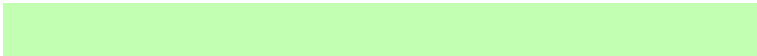
71, 98.066, 4.574

Sweetspot

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



71, 98.065, 134.575



94, 44.807, 136.915



67, 70.789, 86.341



50, 30.527, 136.647



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, 98.065, 134.575



88, 117.694, 134.714



71, 89.727, 140.575



41, 6.895, 138.090



59, 83.975, 134.433



11, 25.075, 139.401

Inverse Universe

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



40, 98.478, 320.310



51, 118.026, 320.196



45, 77.848, 343.746



39, 6.935, 318.889



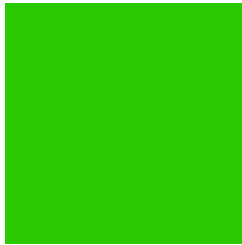
32, 84.443, 320.408



3, 24.356, 317.935

Previews

White Background



This preview shows how the CIELCh color 71, 98.066, 134.574 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, 98.066, 134.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

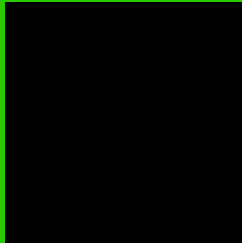
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 98.066, 134.574

Background



This preview shows how black text looks on a background with the CIELCh color 71, 98.066, 134.574.

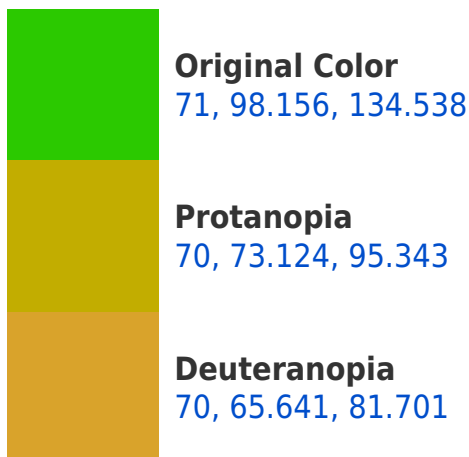


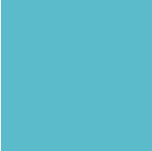
This preview shows how white text looks on a background with the CIELCh color 71, 98.066, 134.574.

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](#).

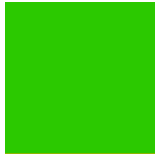
Dichromacy





Tritanopia
71, 28.765, 214.123

Trichromacy



Original Color
71, 98.156, 134.538



Protanomaly
69, 78.313, 116.867



Deuteranomaly
68, 70.282, 111.550



Tritanomaly
70, 52.521, 155.021

Monochromacy



Original Color
71, 98.156, 134.538



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 45.838, 136.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 98.066, 134.574 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(43, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(43, 201, 0)  
}
```

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(43, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 201, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 98.066, 134.574 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(43, 201, 0) }
```

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

```
.border{ border-color:rgb(43, 201, 0) }
```

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

Here you see how a box with a 4 pixel rgb(43, 201, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(43, 201, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 71, 98.066, 134.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 201, 0) }
```

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

```
.background{ background-color: rgb(43, 201,  
0) }
```

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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