

Converting Colors

CIELCh(71, 94.273, 131.897)

Have a look what the booklet for
CIELCh(71, 94.273, 131.897)
contains.

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Color

CIELCh(71, 94.376, 131.959)

Conversions

Conversions Part 1

Format	Color
Hex	48C700
RGB	72, 199, 0
RGB Percent	28%, 78%, 0%
CMY	0.7180, 0.2199, 1.0000
CMYK	0.64, 0.00, 1.00, 0.22
HSL	98°, 100%, 39%
HSV	98°, 100%, 78%
XYZ	23.0715, 42.1875, 6.9215
YIQ	138.3410, -11.8130, -88.8130

Conversions

Conversions Part 2

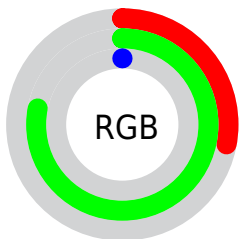
Format	Color
RYB	0, 199, 127
Decimal	4769536
CIELab	71.00, -63.10, 70.18
CIELCh	71, 94.376, 131.959
Yxy	42.1875, 0.3196, 0.5845
Android (android.graphics.Color)	4282959616 (0xFF48C700)
YUV	138.3410, -68.2021, -58.1811
Hunter-Lab	64.9519, -50.2610, 39.1482

Details

The CIELCh color **71, 94.376, 131.959** 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 **35, 100.554, 315.444**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 93.443, 131.954**, and **52, 78.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 94.360, 131.966**, and if you desaturate by 10%, it is **71, 90.618, 131.164**.

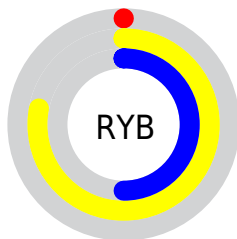
Distribution



Red (28%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (50%)

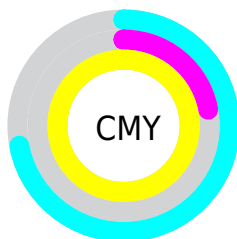


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (72%)


Magenta (22%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 94.376, 131.959 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, 94.376, 131.959 by changing the saturation by 10% instead.


 71, 94.376,
131.959


 71, 94.376,
131.959


 100, 94.376,
131.959


 61, 94.376,
131.959


 91, 94.376,
131.959

 51, 94.376,
131.959

 41, 94.376,
131.959

 31, 94.376,
131.959

 21, 94.376,
131.959

 11, 94.376,
131.959

 1, 94.376, 131.959

■ 0, 94.376, 131.959

■ 71, 94.376,
131.959

■ 71, 94.376,
131.959

■ 71, 94.360,
131.966

■ 71, 90.618,
131.164

■ 72, 84.902,
130.724

■ 73, 77.160,
130.694

■ 73, 67.865,
130.950

■ 74, 57.498,
131.370

■ 75, 46.448,
131.866

■ 76, 34.998,
132.380

■ 77, 23.350,
132.879

■ 79, 11.647,
133.349

Harmonies

Complementary

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



71, 94.376, 131.959



35, 100.554, 315.444

Rectangle

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



71, 94.376, 131.959



71, 94.376, 181.959



71, 94.376, 311.959



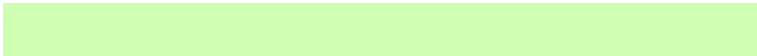
71, 94.376, 1.959

Sweetspot

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



71, 94.360, 131.966



95, 42.809, 132.357



59, 68.460, 72.328



50, 29.162, 132.137



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, 94.360, 131.966



89, 114.037, 132.174



70, 96.324, 137.294



41, 6.602, 133.377



59, 81.270, 131.759



11, 24.007, 135.900

Inverse Universe

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



35, 100.554, 315.444



46, 121.359, 315.290



46, 86.310, 334.401



39, 6.667, 314.129



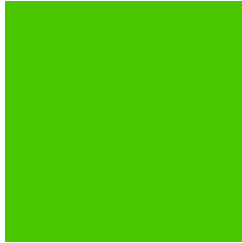
28, 86.723, 315.595



3, 23.096, 311.334

Previews

White Background



This preview shows how the CIELCh color 71, 94.376, 131.959 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, 94.376, 131.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

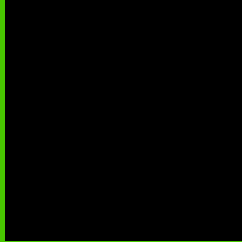
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 94.376, 131.959

Background



This preview shows how black text looks on a background with the CIELCh color 71, 94.376, 131.959.

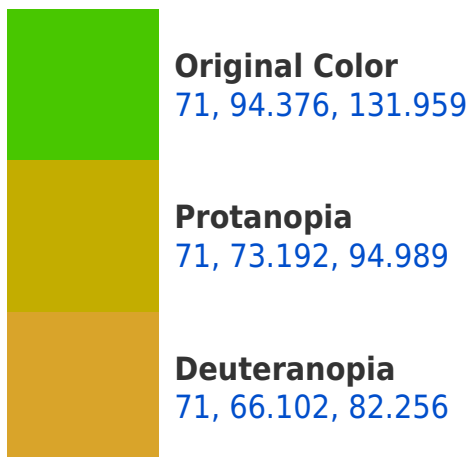


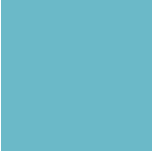
This preview shows how white text looks on a background with the CIELCh color 71, 94.376, 131.959.

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, 25.088, 216.929

Trichromacy



Original Color
71, 94.376, 131.959



Protanomaly
69, 76.779, 113.352



Deuteranomaly
69, 69.937, 107.972



Tritanomaly
70, 48.529, 151.237

Monochromacy



Original Color
71, 94.376, 131.959



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 43.613, 131.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 94.376, 131.959 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(72, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(72, 199, 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(72, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 199, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 94.376, 131.959 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(72, 199, 0) }
```

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

```
.border{ border-color:rgb(72, 199, 0) }
```

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

Here you see how a box with a 4 pixel rgb(72, 199, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(72, 199, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 71, 94.376, 131.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 199, 0) }
```

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

```
.background{ background-color: rgb(72, 199,  
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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