

Converting Colors

CIELCh(71, 96.136, 133.523)

Have a look what the booklet for
CIELCh(71, 96.136, 133.523)
contains.

CIELCh(71, 96.110, 133.505)	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, 96.110, 133.505)

Conversions

Conversions Part 1

Format	Color
Hex	3AC803
RGB	58, 200, 3
RGB Percent	23%, 78%, 1%
CMY	0.7728, 0.2159, 0.9887
CMYK	0.71, 0.00, 0.99, 0.22
HSL	103°, 97%, 40%
HSV	103°, 99%, 78%
XYZ	22.3982, 42.1875, 7.0446
YIQ	135.0840, -21.3950, -91.3710

Conversions

Conversions Part 2

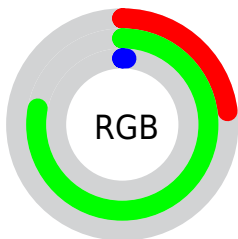
Format	Color
RYB	3, 200, 145
Decimal	3852291
CIELab	71.00, -66.16, 69.71
CIELCh	71, 96.110, 133.505
Yxy	42.1875, 0.3127, 0.5890
Android (android.graphics.Color)	4282042371 (0xFF3AC803)
YUV	135.0840, -65.1174, -67.6027
Hunter-Lab	64.9519, -52.1114, 39.0358

Details

The CIELCh color **71, 96.110, 133.505** 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 **38, 98.920, 318.058**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 94.648, 133.520**, and **52, 78.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 96.584, 133.580**, and if you desaturate by 10%, it is **71, 92.241, 132.935**.

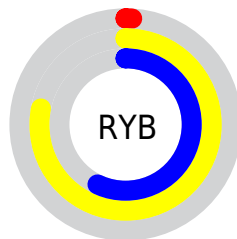
Distribution



Red (23%)

Green (78%)

Blue (1%)



Red (1%)

Yellow (78%)

Blue (57%)

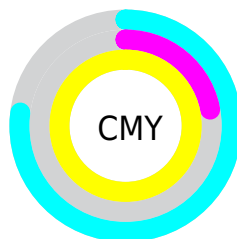


Cyan (71%)

Magenta (0%)

Yellow (99%)

Black (22%)



Cyan (77%)


Magenta (22%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 96.110, 133.505 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, 96.110, 133.505 by changing the saturation by 10% instead.


 71, 96.110,
133.505


 71, 96.110,
133.505


 100, 96.110,
133.505


 61, 96.110,
133.505


 91, 96.110,
133.505

 51, 96.110,
133.505

 41, 96.110,
133.505

 31, 96.110,
133.505

 21, 96.110,
133.505

 11, 96.110,
133.505

 1, 96.110, 133.505

■ 0, 96.110, 133.505

■ 71, 96.110,
133.505

■ 71, 96.110,
133.505

■ 71, 96.584,
133.580

■ 71, 92.241,
132.935

■ 72, 86.167,
132.744

■ 73, 78.031,
132.919

■ 73, 68.336,
133.333

■ 74, 57.570,
133.869

■ 75, 46.125,
134.446

■ 76, 34.291,
135.013

■ 78, 22.278,
135.546

■ 79, 10.236,
136.035

Harmonies

Complementary

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



71, 96.110, 133.505



38, 98.920, 318.058

Rectangle

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



71, 96.110, 133.505



71, 96.110, 183.505



71, 96.110, 313.505



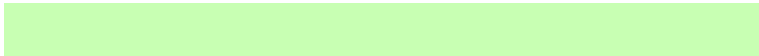
71, 96.110, 3.505

Sweetspot

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



71, 96.109, 133.506



95, 43.867, 134.909



64, 68.824, 80.496



50, 29.886, 134.667



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, 96.109, 133.506



88, 116.245, 133.750



71, 92.552, 139.039



41, 6.756, 135.996



59, 82.883, 133.401



11, 24.600, 137.913

Inverse Universe

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



38, 98.920, 318.058



49, 119.417, 317.847



45, 81.226, 339.090



39, 6.807, 316.761



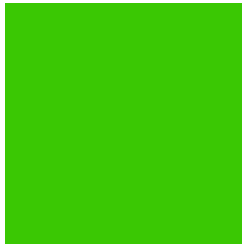
31, 85.393, 318.110



3, 23.713, 314.856

Previews

White Background



This preview shows how the CIELCh color 71, 96.110, 133.505 looks on a white background.

Color Contrast Check

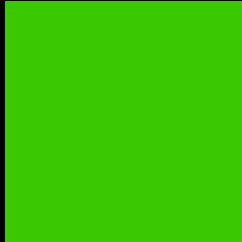
Large Text (above 18pt) WCAG AA × Fail

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, 96.110, 133.505 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

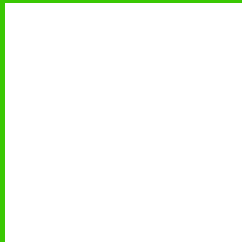
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 96.110, 133.505

Background



This preview shows how black text looks on a background with the CIELCh color 71, 96.110, 133.505.

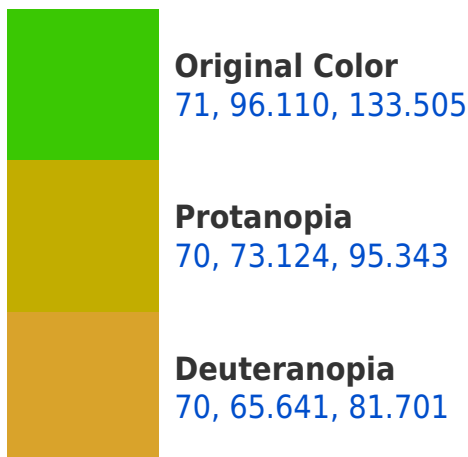


This preview shows how white text looks on a background with the CIELCh color 71, 96.110, 133.505.

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](#).

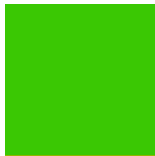
Dichromacy





Tritanopia
71, 27.094, 215.309

Trichromacy



Original Color
71, 96.110, 133.505



Protanomaly
69, 77.546, 115.142



Deuteranomaly
68, 69.564, 109.481



Tritanomaly
70, 50.210, 153.733

Monochromacy



Original Color
71, 96.110, 133.505



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 44.758, 134.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 96.110, 133.505 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(58, 200, 3)` looks like.

```
.text, #text, p{  
    color:rgb(58, 200, 3)  
}
```

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(58, 200, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 200, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 96.110, 133.505 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(58, 200, 3) }
```

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

```
.border{ border-color:rgb(58, 200, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 200, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 200, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 200, 3);  
box-shadow:4px 4px 4px 4px rgb(58, 200, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 71, 96.110, 133.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 200, 3) }
```

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

```
.background{ background-color: rgb(58, 200,  
3) }
```

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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