

Converting Colors

CIELCh(71, 95.517, 134.668)

Have a look what the booklet for
CIELCh(71, 95.517, 134.668)
contains.

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Color

CIELCh(71, 95.439, 134.627)

Conversions

Conversions Part 1

Format	Color
Hex	33C812
RGB	51, 200, 18
RGB Percent	20%, 78%, 7%
CMY	0.7984, 0.2146, 0.9311
CMYK	0.74, 0.00, 0.91, 0.21
HSL	109°, 84%, 43%
HSV	109°, 91%, 79%
XYZ	22.2071, 42.1875, 7.5254
YIQ	134.7010, -30.3820, -88.1900

Conversions

Conversions Part 2

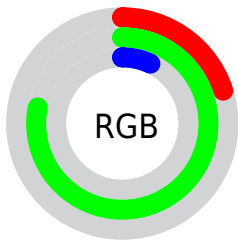
Format	Color
RYB	18, 200, 167
Decimal	3393554
CIELab	71.00, -67.04, 67.92
CIELCh	71, 95.439, 134.627
Yxy	42.1875, 0.3088, 0.5866
Android (android.graphics.Color)	4281583634 (0xFF33C812)
YUV	134.7010, -57.5336, -73.4058
Hunter-Lab	64.9519, -52.6367, 38.5970

Details

The CIELCh color **71, 95.439, 134.627** 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 **42, 95.611, 321.552**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 93.963, 134.544**, and **52, 78.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 98.313, 134.869**, and if you desaturate by 10%, it is **71, 90.125, 134.608**.

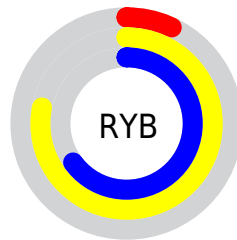
Distribution



Red (20%)

Green (78%)

Blue (7%)



Red (7%)

Yellow (78%)

Blue (65%)

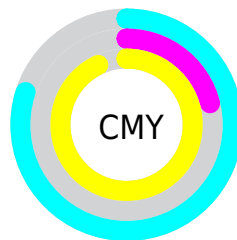


Cyan (74%)

Magenta (0%)

Yellow (91%)

Black (21%)



Cyan (80%)


Magenta (21%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 95.439, 134.627 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, 95.439, 134.627 by changing the saturation by 10% instead.


 71, 95.439,
134.627


 71, 95.439,
134.627


 100, 95.439,
134.627


 61, 95.439,
134.627


 91, 95.439,
134.627

 51, 95.439,
134.627

 41, 95.439,
134.627

 31, 95.439,
134.627

 21, 95.439,
134.627

 11, 95.439,
134.627

 1, 95.439, 134.627

0, 95.439, 134.627

71, 95.439,
134.627

71, 95.439,
134.627

71, 98.313,
134.869

71, 90.125,
134.608

72, 82.510,
134.943

73, 73.070,
135.511

74, 62.332,
136.191

75, 50.740,
136.893

76, 38.636,
137.565

■ 77, 26.278,
138.180

■ 79, 13.855,
138.733

■ 80, 1.504, 139.336

Harmonies

Complementary

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



71, 95.439, 134.627



42, 95.611, 321.552

Rectangle

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



71, 95.439, 134.627



71, 95.439, 184.627



71, 95.439, 314.627



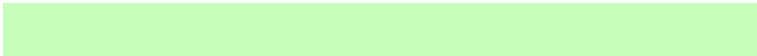
71, 95.439, 4.627

Sweetspot

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



71, 95.439, 134.628



95, 40.664, 137.809



69, 69.439, 89.094



50, 27.385, 137.590



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, 95.439, 134.628



88, 118.124, 134.990



71, 84.101, 142.688



41, 6.948, 138.830



59, 84.308, 134.736



11, 25.251, 139.929

Inverse Universe

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



42, 95.611, 321.552



53, 117.583, 321.093



45, 76.311, 343.370



39, 6.984, 319.647



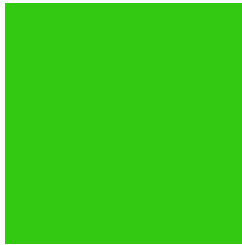
33, 84.140, 321.284



4, 24.623, 319.078

Previews

White Background



This preview shows how the CIELCh color 71, 95.439, 134.627 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, 95.439, 134.627 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, 95.439, 134.627

Background



This preview shows how black text looks on a background with the CIELCh color 71, 95.439, 134.627.



This preview shows how white text looks on a background with the CIELCh color 71, 95.439, 134.627.

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, 95.313, 134.678

Protanopia

70, 73.124, 95.343

Deuteranopia

70, 64.460, 81.845



Tritanopia
71, 27.729, 214.847

Trichromacy



Original Color
71, 95.313, 134.678



Protanomaly
69, 77.312, 116.166



Deuteranomaly
68, 68.105, 111.256



Tritanomaly
70, 48.969, 156.552

Monochromacy



Original Color
71, 95.313, 134.678



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 42.846, 136.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 95.439, 134.627 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(51, 200, 18)` looks like.

```
.text, #text, p{  
    color:rgb(51, 200, 18)  
}
```

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(51, 200, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 200, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 95.439, 134.627 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(51, 200, 18) }
```

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

```
.border{ border-color:rgb(51, 200, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 200, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 200, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 200, 18);  
box-shadow:4px 4px 4px 4px rgb(51, 200,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 95.439, 134.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 200, 18) }
```

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

```
.background{ background-color: rgb(51, 200,  
18) }
```

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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