

Converting Colors

CIELCh(71, 94.812, 135.078)

Have a look what the booklet for
CIELCh(71, 94.812, 135.078)
contains.

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Color

CIELCh(71, 94.701, 135.044)

Conversions

Conversions Part 1

Format	Color
Hex	32C817
RGB	50, 200, 23
RGB Percent	20%, 78%, 9%
CMY	0.8022, 0.2146, 0.9080
CMYK	0.75, 0.00, 0.88, 0.21
HSL	111°, 79%, 44%
HSV	111°, 88%, 79%
XYZ	22.2135, 42.1875, 7.8069
YIQ	134.9720, -32.5830, -86.8470

Conversions

Conversions Part 2

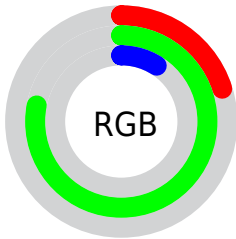
Format	Color
RYB	23, 200, 173
Decimal	3328023
CIELab	71.00, -67.02, 66.91
CIELCh	71, 94.701, 135.044
Yxy	42.1875, 0.3076, 0.5843
Android (android.graphics.Color)	4281518103 (0xFF32C817)
YUV	134.9720, -55.2022, -74.5204
Hunter-Lab	64.9519, -52.6190, 38.3399

Details

The CIELCh color **71, 94.701, 135.044** 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 **44, 94.241, 322.755**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 93.127, 135.056**, and **52, 78.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 98.252, 135.181**, and if you desaturate by 10%, it is **71, 88.746, 135.248**.

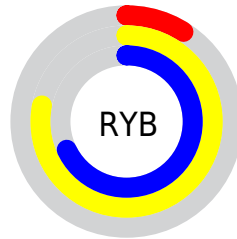
Distribution



Red (20%)

Green (78%)

Blue (9%)



Red (9%)

Yellow (78%)

Blue (68%)

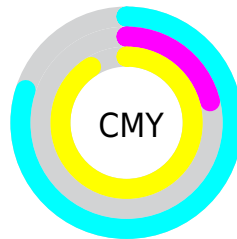


Cyan (75%)

Magenta (0%)

Yellow (88%)

Black (21%)



Cyan (80%)


Magenta (21%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 94.701, 135.044 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, 94.701, 135.044 by changing the saturation by 10% instead.


 71, 94.701,
135.044

 71, 94.701,
135.044


 100, 94.701,
135.044


 61, 94.701,
135.044


 91, 94.701,
135.044

 51, 94.701,
135.044

 41, 94.701,
135.044

 31, 94.701,
135.044

 21, 94.701,
135.044

 11, 94.701,
135.044

 1, 94.701, 135.044

■ 0, 94.701, 135.044

■ 71, 94.701,
135.044

■ 71, 94.701,
135.044

■ 71, 98.252,
135.181

■ 71, 88.746,
135.248

■ 71, 98.739,
135.191

■ 72, 80.563,
135.760

■ 73, 70.665,
136.452

■ 74, 59.567,
137.210

■ 75, 47.694,
137.957

■ 76, 35.372,
138.652

■ 78, 22.848,
139.278

■ 79, 10.302,
139.836

■ 81, 2.132, 320.184

Harmonies

Complementary

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



71, 94.701, 135.044



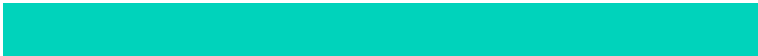
44, 94.241, 322.755

Rectangle

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



71, 94.701, 135.044



71, 94.701, 185.044



71, 94.701, 315.044



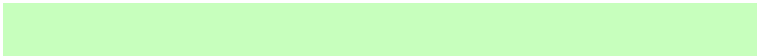
71, 94.701, 5.044

Sweetspot

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



71, 94.701, 135.045



95, 39.569, 138.777



70, 69.800, 92.094



50, 26.810, 138.545



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, 94.701, 135.045



88, 118.606, 135.295



71, 80.287, 144.421



41, 7.019, 139.777



58, 84.688, 135.077



11, 25.484, 140.606

Inverse Universe

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



44, 94.241, 322.755



54, 117.061, 322.294



45, 74.314, 345.062



39, 7.050, 320.621



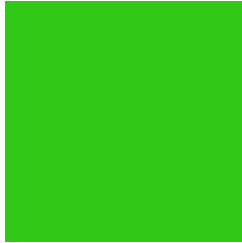
34, 83.784, 322.456



4, 24.995, 320.577

Previews

White Background



This preview shows how the CIELCh color 71, 94.701, 135.044 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, 94.701, 135.044 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, 94.701, 135.044

Background



This preview shows how black text looks on a background with the CIELCh color 71, 94.701, 135.044.

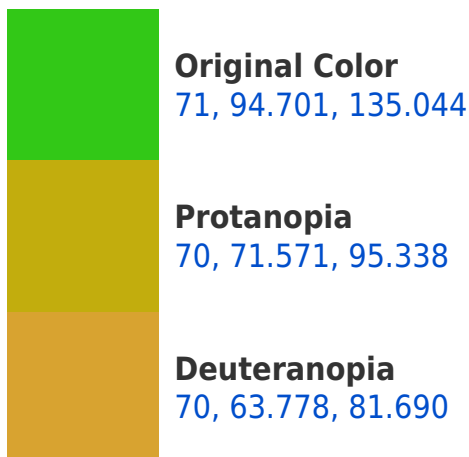


This preview shows how white text looks on a background with the CIELCh color 71, 94.701, 135.044.

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, 27.936, 214.700

Trichromacy



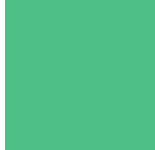
Original Color
71, 94.701, 135.044



Protanomaly
69, 75.971, 116.508



Deuteranomaly
69, 67.243, 111.431



Tritanomaly
70, 48.373, 157.618

Monochromacy



Original Color
71, 94.701, 135.044



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 42.127, 137.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 94.701, 135.044 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(50, 200, 23)` looks like.

```
.text, #text, p{  
    color:rgb(50, 200, 23)  
}
```

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(50, 200, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 200, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 94.701, 135.044 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(50, 200, 23) }
```

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

```
.border{ border-color:rgb(50, 200, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 200, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 200, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 200, 23);  
box-shadow:4px 4px 4px 4px rgb(50, 200,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 94.701, 135.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 200, 23) }
```

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

```
.background{ background-color: rgb(50, 200,  
23) }
```

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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