

Converting Colors

CIELCh(71, 95.495, 133.936)

Have a look what the booklet for
CIELCh(71, 95.495, 133.936)
contains.

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Color

CIELCh(71, 95.401, 133.916)

Conversions

Conversions Part 1

Format	Color
Hex	39C80C
RGB	57, 200, 12
RGB Percent	22%, 78%, 5%
CMY	0.7767, 0.2158, 0.9532
CMYK	0.72, 0.00, 0.94, 0.22
HSL	106°, 89%, 42%
HSV	106°, 94%, 78%
XYZ	22.3968, 42.1875, 7.3076
YIQ	135.8110, -24.8800, -88.7840

Conversions

Conversions Part 2

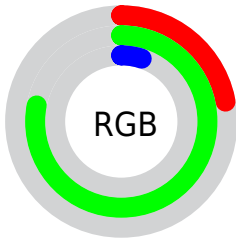
Format	Color
RYB	12, 200, 155
Decimal	3786764
CIELab	71.00, -66.17, 68.72
CIELCh	71, 95.401, 133.916
Yxy	42.1875, 0.3115, 0.5868
Android (android.graphics.Color)	4281976844 (0xFF39C80C)
YUV	135.8110, -61.0388, -69.1172
Hunter-Lab	64.9519, -52.1154, 38.7957

Details

The CIELCh color **71, 95.401, 133.916** 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, 97.016, 319.616**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 94.009, 133.758**, and **52, 78.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 97.347, 134.196**, and if you desaturate by 10%, it is **71, 90.657, 133.608**.

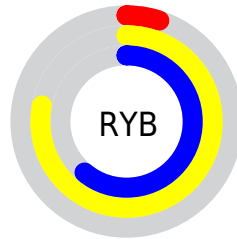
Distribution



Red (22%)

Green (78%)

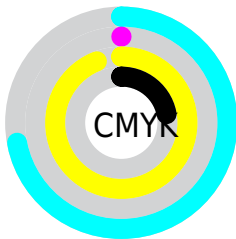
Blue (5%)



Red (5%)

Yellow (78%)

Blue (61%)

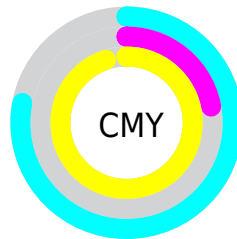


Cyan (72%)

Magenta (0%)

Yellow (94%)

Black (22%)



Cyan (78%)


Magenta (22%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 95.401, 133.916 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, 95.401, 133.916 by changing the saturation by 10% instead.


 71, 95.401,
133.916


 71, 95.401,
133.916


 100, 95.401,
133.916


 61, 95.401,
133.916


 91, 95.401,
133.916

 51, 95.401,
133.916

 41, 95.401,
133.916

 31, 95.401,
133.916

 21, 95.401,
133.916

 11, 95.401,
133.916

 1, 95.401, 133.916

■ 0, 95.401, 133.916

■ 71, 95.401,
133.916

■ 71, 95.401,
133.916

■ 71, 97.347,
134.196

■ 71, 90.657,
133.608

■ 72, 83.601,
133.699

■ 73, 74.652,
134.084

■ 73, 64.331,
134.635

■ 74, 53.099,
135.252

■ 76, 41.308,
135.871

■ 77, 29.220,
136.454

■ 78, 17.025,
136.988

■ 80, 4.863, 137.488

Harmonies

Complementary

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



71, 95.401, 133.916



40, 97.016, 319.616

Rectangle

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



71, 95.401, 133.916



71, 95.401, 183.916



71, 95.401, 313.916



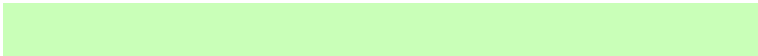
71, 95.401, 3.916

Sweetspot

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



71, 95.401, 133.917



95, 41.461, 136.205



66, 68.542, 84.415



50, 28.594, 135.946



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, 95.401, 133.917



88, 117.132, 134.346



71, 88.537, 140.641



41, 6.836, 137.220



59, 83.547, 134.035



11, 24.874, 138.782

Inverse Universe

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



40, 97.016, 319.616



50, 118.581, 319.187



45, 79.060, 340.580



39, 6.880, 318.003



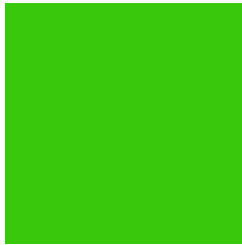
32, 84.822, 319.421



3, 24.071, 316.628

Previews

White Background



This preview shows how the CIELCh color 71, 95.401, 133.916 looks on a white background.

Color Contrast Check

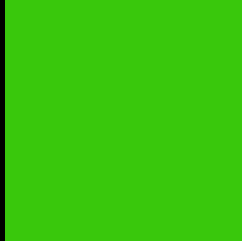
Large Text (above 18pt) WCAG AA × Fail

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, 95.401, 133.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

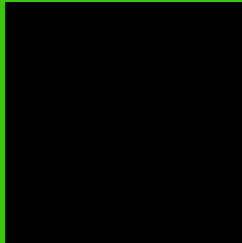
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 95.401, 133.916

Background



This preview shows how black text looks on a background with the CIELCh color 71, 95.401, 133.916.



This preview shows how white text looks on a background with the CIELCh color 71, 95.401, 133.916.

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, 95.401, 133.916

Protanopia

70, 73.124, 95.343

Deuteranopia

70, 65.318, 81.630



Tritanopia
71, 27.094, 215.309

Trichromacy



Original Color
71, 95.401, 133.916



Protanomaly
69, 77.317, 115.520



Deuteranomaly
68, 68.585, 109.656



Tritanomaly
70, 49.020, 155.026

Monochromacy



Original Color
71, 95.401, 133.916



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 42.916, 135.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 95.401, 133.916 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(57, 200, 12)` looks like.

```
.text, #text, p{  
    color:rgb(57, 200, 12)  
}
```

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(57, 200, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 200, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 95.401, 133.916 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(57, 200, 12) }
```

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

```
.border{ border-color:rgb(57, 200, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 200, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 200, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 200, 12);  
box-shadow:4px 4px 4px 4px rgb(57, 200,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 95.401, 133.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 200, 12) }
```

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

```
.background{ background-color: rgb(57, 200,  
12) }
```

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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