

Converting Colors

CIELCh(73, 100.315, 134.643)

Have a look what the booklet for
CIELCh(73, 100.315, 134.643)
contains.

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Color

CIELCh(73, 100.301, 134.607)

Conversions

Conversions Part 1

Format	Color
Hex	2CCF01
RGB	44, 207, 1
RGB Percent	17%, 81%, 0%
CMY	0.8274, 0.1882, 0.9960
CMYK	0.79, 0.00, 1.00, 0.19
HSL	107°, 99%, 41%
HSV	107°, 100%, 81%
XYZ	23.3578, 45.1644, 7.5153
YIQ	134.7790, -31.0220, -98.6220

Conversions

Conversions Part 2

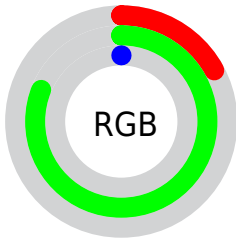
Format	Color
RYB	1, 207, 164
Decimal	2936577
CIELab	73.00, -70.44, 71.41
CIELCh	73, 100.301, 134.607
Yxy	45.1644, 0.3072, 0.5940
Android (android.graphics.Color)	4281126657 (0xFF2CCF01)
YUV	134.7790, -65.9530, -79.6132
Hunter-Lab	67.2044, -55.5676, 40.4129

Details

The CIELCh color **73, 100.301, 134.607** 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, 100.659, 320.369**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 95.543, 134.321**, and **54, 81.019, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 100.452, 134.621**, and if you desaturate by 10%, it is **73, 96.721, 134.244**.

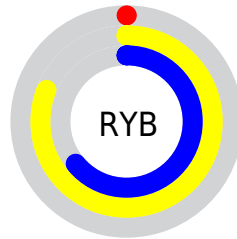
Distribution



Red (17%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (64%)

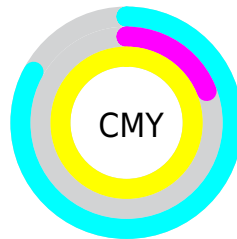


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (83%)


Magenta (19%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 100.301, 134.607 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 73, 100.301, 134.607 by changing the saturation by 10% instead.


 73, 100.301,
134.607


 73, 100.301,
134.607


 100, 100.301,
134.607


 63, 100.301,
134.607


 93, 100.301,
134.607

 53, 100.301,
134.607

 43, 100.301,
134.607

 33, 100.301,
134.607

 23, 100.301,
134.607

 13, 100.301,
134.607

 3, 100.301,

134.607

■ 0, 100.301,
134.607

■ 73, 100.301,
134.607

■ 73, 100.301,
134.607

■ 73, 100.452,
134.621

■ 73, 96.721,
134.244

■ 74, 90.824,
134.210

■ 74, 82.657,
134.526

■ 75, 72.734,
135.066

■ 76, 61.583,
135.712

■ 77, 49.639,
136.379

■ 78, 37.233,
137.018

■ 80, 24.609,
137.605

■ 81, 11.945,
138.135

Harmonies

Complementary

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



73, 100.301, 134.607



42, 100.659, 320.369

Rectangle

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



73, 100.301, 134.607



73, 100.301, 184.607



73, 100.301, 314.607



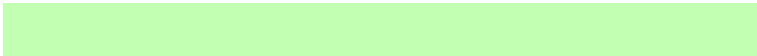
73, 100.301, 4.607

Sweetspot

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



73, 100.300, 134.608



94, 44.832, 136.965



69, 72.359, 86.345



50, 30.544, 136.696



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 100.300, 134.608



88, 117.726, 134.734



73, 91.753, 140.578



43, 7.189, 138.139



60, 85.955, 134.479



13, 28.657, 137.735

Inverse Universe

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



42, 100.659, 320.369



52, 117.994, 320.258



46, 79.601, 343.741



41, 7.231, 318.945



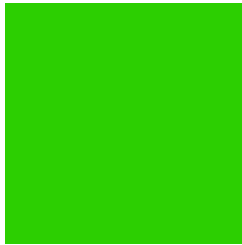
34, 86.365, 320.451



4, 29.238, 319.798

Previews

White Background



This preview shows how the CIELCh color 73, 100.301, 134.607 looks on a white background.

Color Contrast Check

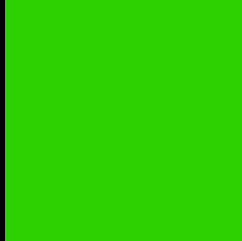
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 100.301, 134.607 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 73, 100.301, 134.607

Background



This preview shows how black text looks on a background with the CIELCh color 73, 100.301, 134.607.



This preview shows how white text looks on a background with the CIELCh color 73, 100.301, 134.607.

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

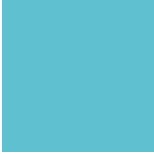
73, 100.301, 134.607

Protanopia

72, 74.713, 95.192

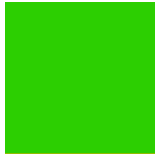
Deuteranopia

72, 67.039, 82.334



Tritanopia
73, 29.295, 214.866

Trichromacy



Original Color
73, 100.301, 134.607



Protanomaly
71, 80.290, 117.050



Deuteranomaly
70, 72.208, 111.964



Tritanomaly
72, 53.353, 155.251

Monochromacy



Original Color
73, 100.301, 134.607



Achromatopsia
56, 0.007, 296.813



Achromatomaly
61, 47.373, 135.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 100.301, 134.607 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(44, 207, 1)` looks like.

```
.text, #text, p{  
    color:rgb(44, 207, 1)  
}
```

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(44, 207, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 207, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 100.301, 134.607 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(44, 207, 1) }
```

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

```
.border{ border-color:rgb(44, 207, 1) }
```

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

Here you see how a box with a 4 pixel rgb(44, 207, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 207, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 207, 1);  
box-shadow:4px 4px 4px 4px rgb(44, 207, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 100.301, 134.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 207, 1) }
```

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

```
.background{ background-color: rgb(44, 207,  
1) }
```

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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