

Converting Colors

CIELCh(73, 99.633, 135.128)

Have a look what the booklet for
CIELCh(73, 99.633, 135.128)
contains.

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Color

CIELCh(73, 99.589, 135.152)

Conversions

Conversions Part 1

Format	Color
Hex	29CF0C
RGB	41, 207, 12
RGB Percent	16%, 81%, 5%
CMY	0.8386, 0.1879, 0.9521
CMYK	0.80, 0.00, 0.94, 0.19
HSL	111°, 89%, 43%
HSV	111°, 94%, 81%
XYZ	23.3195, 45.1644, 7.8429
YIQ	135.1360, -36.3410, -95.8370

Conversions

Conversions Part 2

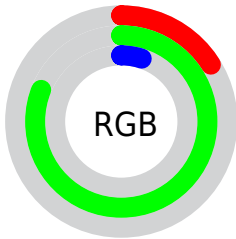
Format	Color
RYB	12, 207, 178
Decimal	2739980
CIELab	73.00, -70.61, 70.23
CIELCh	73, 99.589, 135.152
Yxy	45.1644, 0.3055, 0.5917
Android (android.graphics.Color)	4280930060 (0xFF29CF0C)
YUV	135.1360, -60.7060, -82.5573
Hunter-Lab	67.2044, -55.6694, 40.1238

Details

The CIELCh color **73, 99.589, 135.152** 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 **45, 98.599, 322.722**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 94.557, 135.064**, and **54, 81.019, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 101.309, 135.243**, and if you desaturate by 10%, it is **73, 95.029, 135.142**.

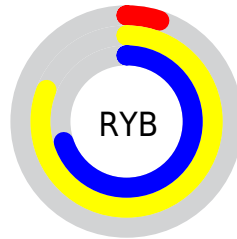
Distribution



Red (16%)

Green (81%)

Blue (5%)



Red (5%)

Yellow (81%)

Blue (70%)

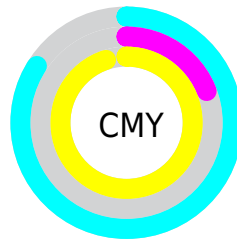


Cyan (80%)

Magenta (0%)

Yellow (94%)

Black (19%)



Cyan (84%)


Magenta (19%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 99.589, 135.152 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, 99.589, 135.152 by changing the saturation by 10% instead.


 73, 99.589,
135.152


 73, 99.589,
135.152


 100, 99.589,
135.152


 63, 99.589,
135.152


 93, 99.589,
135.152

 53, 99.589,
135.152

 43, 99.589,
135.152

 33, 99.589,
135.152

 23, 99.589,
135.152

 13, 99.589,
135.152

 3, 99.589, 135.152

■ 0, 99.589, 135.152

■ 73, 99.589,
135.152

■ 73, 99.589,
135.152

■ 73, 101.309,
135.243

■ 73, 95.029,
135.142

■ 74, 87.944,
135.497

■ 75, 78.758,
136.110

■ 75, 68.024,
136.851

■ 76, 56.239,
137.621

■ 78, 43.801,
138.358

■ 79, 31.012,
139.031

■ 81, 18.097,
139.632

■ 82, 5.223, 140.182

Harmonies

Complementary

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



73, 99.589, 135.152



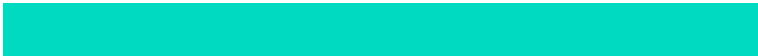
45, 98.599, 322.722

Rectangle

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



73, 99.589, 135.152



73, 99.589, 185.152



73, 99.589, 315.152



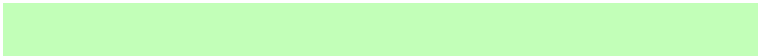
73, 99.589, 5.152

Sweetspot

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



73, 99.588, 135.153



95, 42.659, 138.754



73, 73.860, 92.661



50, 29.419, 138.456



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, 99.588, 135.153



88, 118.659, 135.328



73, 84.612, 143.796



43, 7.324, 139.891



60, 86.698, 135.134



13, 29.169, 139.019

Inverse Universe

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



45, 98.599, 322.722



54, 117.001, 322.446



46, 76.221, 347.532



41, 7.356, 320.744



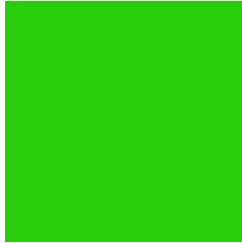
35, 85.669, 322.590



5, 29.816, 322.227

Previews

White Background



This preview shows how the CIELCh color 73, 99.589, 135.152 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 73, 99.589, 135.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

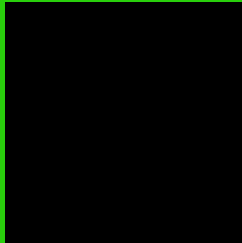
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 99.589, 135.152

Background



This preview shows how black text looks on a background with the CIELCh color 73, 99.589, 135.152.



This preview shows how white text looks on a background with the CIELCh color 73, 99.589, 135.152.

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, 99.589, 135.152

Protanopia

72, 74.713, 95.192

Deuteranopia

72, 66.570, 81.788



Tritanopia
73, 29.661, 213.485

Trichromacy



Original Color
73, 99.589, 135.152



Protanomaly
71, 79.984, 117.435



Deuteranomaly
70, 70.659, 112.270



Tritanomaly
72, 52.505, 156.790

Monochromacy



Original Color
73, 99.589, 135.152



Achromatopsia
56, 0.007, 296.813



Achromatomaly
61, 45.766, 137.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 99.589, 135.152 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(41, 207, 12)` looks like.

```
.text, #text, p{  
    color:rgb(41, 207, 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(41, 207, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 207, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 99.589, 135.152 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(41, 207, 12) }
```

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

```
.border{ border-color:rgb(41, 207, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 207, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 207, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 207, 12);  
box-shadow:4px 4px 4px 4px rgb(41, 207,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 99.589, 135.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 207, 12) }
```

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

```
.background{ background-color: rgb(41, 207,  
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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