

Converting Colors

CIELCh(79, 103.736, 134.620)

Have a look what the booklet for
CIELCh(79, 103.736, 134.620)
contains.

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Color

CIELCh(79, 103.733, 134.571)

Conversions

Conversions Part 1

Format	Color
Hex	3DE117
RGB	61, 225, 23
RGB Percent	24%, 88%, 9%
CMY	0.7605, 0.1175, 0.9094
CMYK	0.73, 0.00, 0.90, 0.12
HSL	109°, 81%, 49%
HSV	109°, 90%, 88%
XYZ	29.0198, 54.9284, 9.8875
YIQ	152.9360, -32.9020, -97.5900

Conversions

Conversions Part 2

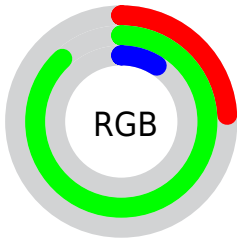
Format	Color
RYB	23, 225, 187
Decimal	4055319
CIELab	79.00, -72.80, 73.90
CIELCh	79, 103.733, 134.571
Yxy	54.9284, 0.3093, 0.5854
Android (android.graphics.Color)	4282245399 (0xFF3DE117)
YUV	152.9360, -64.0584, -80.6279
Hunter-Lab	74.1137, -59.8058, 43.9697

Details

The CIELCh color **79, 103.733, 134.571** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **48, 104.058, 321.490**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 89.936, 133.882**, and **60, 87.629, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 107.278, 134.897**, and if you desaturate by 10%, it is **79, 97.647, 134.578**.

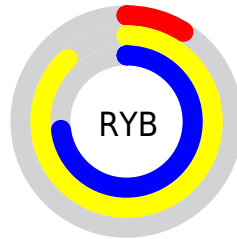
Distribution



Red (24%)

Green (88%)

Blue (9%)



Red (9%)

Yellow (88%)

Blue (73%)

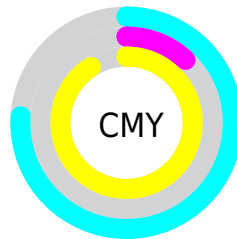


Cyan (73%)

Magenta (0%)

Yellow (90%)

Black (12%)



Cyan (76%)


Magenta (12%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 103.733, 134.571 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 79, 103.733, 134.571 by changing the saturation by 10% instead.


 79, 103.733,
134.571


 79, 103.733,
134.571


 100, 103.733,
134.571


 69, 103.733,
134.571


 99, 103.733,
134.571

 59, 103.733,
134.571

 49, 103.733,
134.571

 39, 103.733,
134.571

 29, 103.733,
134.571

 19, 103.733,
134.571

 9, 103.733,

134.571

■ 0, 103.733,
134.571

■ 79, 103.733,
134.571

■ 79, 103.733,
134.571

■ 79, 107.278,
134.897

■ 79, 97.647,
134.578

■ 79, 107.355,
134.903

■ 80, 89.056,
134.935

■ 81, 78.508,
135.518

■ 82, 66.584,
136.203

■ 83, 53.765,
136.905

■ 84, 40.421,
137.572

■ 86, 26.826,
138.182

■ 88, 13.183,
138.729

■ 90, 0.363, 318.544

Harmonies

Complementary

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



79, 103.733, 134.571



48, 104.058, 321.490

Rectangle

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



79, 103.733, 134.571



79, 103.733, 184.571



79, 103.733, 314.571



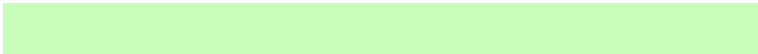
79, 103.733, 4.571

Sweetspot

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



79, 103.733, 134.572



95, 40.630, 137.734



76, 75.532, 89.217



50, 27.362, 137.515



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 103.733, 134.572



88, 118.081, 134.963



79, 91.273, 142.853



46, 7.668, 138.744



63, 89.152, 134.759



17, 33.633, 136.072

Inverse Universe

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



48, 104.058, 321.490



52, 117.629, 320.996



51, 83.166, 343.222



44, 7.709, 319.572



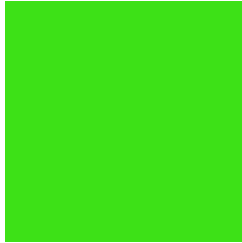
36, 88.995, 321.151



6, 35.463, 321.809

Previews

White Background



This preview shows how the CIE LCh color 79, 103.733, 134.571 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 79, 103.733, 134.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

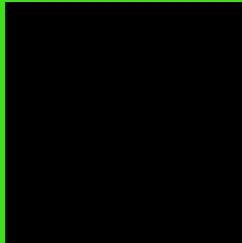
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 103.733, 134.571

Background



This preview shows how black text looks on a background with the CIELCh color 79, 103.733, 134.571.



This preview shows how white text looks on a background with the CIELCh color 79, 103.733, 134.571.

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

79, 103.733, 134.571

Protanopia

78, 79.034, 94.815

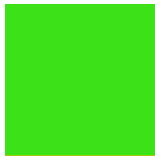
Deuteranopia

78, 70.818, 82.012



Tritanopia
79, 30.196, 215.184

Trichromacy



Original Color
79, 103.733, 134.571



Protanomaly
77, 83.365, 115.594



Deuteranomaly
76, 74.427, 110.761



Tritanomaly
78, 53.071, 156.689

Monochromacy



Original Color
79, 103.733, 134.571



Achromatopsia
63, 0.008, 296.813



Achromatomaly
67, 45.739, 136.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 103.733, 134.571 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(61, 225, 23)` looks like.

```
.text, #text, p{  
    color:rgb(61, 225, 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(61, 225, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 225, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 103.733, 134.571 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(61, 225, 23) }
```

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

```
.border{ border-color:rgb(61, 225, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 225, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 225, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 225, 23);  
box-shadow:4px 4px 4px 4px rgb(61, 225,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 103.733, 134.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 225, 23) }
```

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

```
.background{ background-color: rgb(61, 225,  
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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