

Converting Colors

CIELCh(79, 107.549, 136.604)

Have a look what the booklet for
CIELCh(79, 107.549, 136.604)
contains.

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Color

CIELCh(79, 107.594, 136.611)

Conversions

Conversions Part 1

Format	Color
Hex	08E316
RGB	8, 227, 22
RGB Percent	3%, 89%, 9%
CMY	0.9699, 0.1106, 0.9153
CMYK	0.97, 0.00, 0.90, 0.11
HSL	124°, 93%, 46%
HSV	124°, 97%, 89%
XYZ	27.6482, 54.9284, 9.8829
YIQ	138.1490, -64.7190, -110.1830

Conversions

Conversions Part 2

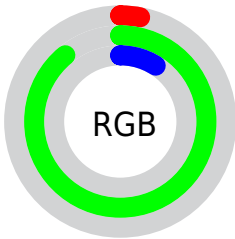
Format	Color
RYB	8, 214, 227
Decimal	582422
CIELab	79.00, -78.19, 73.91
CIELCh	79, 107.594, 136.611
Yxy	54.9284, 0.2990, 0.5941
Android (android.graphics.Color)	4278772502 (0xFF08E316)
YUV	138.1490, -57.2615, -114.1407
Hunter-Lab	74.1137, -63.1093, 43.9734

Details

The CIELCh color **79, 107.594, 136.611** 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 **53, 100.126, 330.864**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 92.971, 136.599**, and **61, 88.399, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 108.526, 136.429**, and if you desaturate by 10%, it is **79, 103.248, 137.496**.

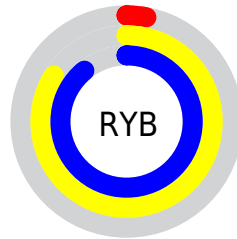
Distribution



Red (3%)

Green (89%)

Blue (9%)



Red (3%)

Yellow (84%)

Blue (89%)

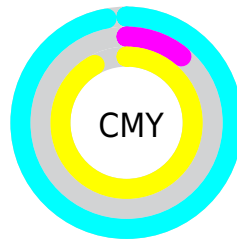


Cyan (97%)

Magenta (0%)

Yellow (90%)

Black (11%)



Cyan (97%)


Magenta (11%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 107.594, 136.611 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, 107.594, 136.611 by changing the saturation by 10% instead.


 79, 107.594,
136.611


 79, 107.594,
136.611


 100, 107.594,
136.611


 69, 107.594,
136.611


 99, 107.594,
136.611

 59, 107.594,
136.611

 49, 107.594,
136.611

 39, 107.594,
136.611

 29, 107.594,
136.611

 19, 107.594,
136.611

 9, 107.594,

136.611

■ 0, 107.594,
136.611

■ 79, 107.594,
136.611

■ 79, 107.594,
136.611

■ 79, 108.526,
136.429

■ 79, 103.248,
137.496

■ 80, 96.323,
138.644

■ 80, 87.149,
139.912

■ 81, 76.191,
141.178

■ 82, 63.915,
142.360

■ 83, 50.742,
143.418

■ 85, 37.034,
144.343

■ 87, 23.087,
145.140

■ 89, 9.133, 145.836

Harmonies

Complementary

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



79, 107.594, 136.611



53, 100.126, 330.864

Rectangle

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



79, 107.594, 136.611



79, 107.594, 186.611



79, 107.594, 316.611



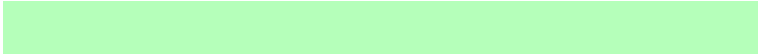
79, 107.594, 6.611

Sweetspot

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



79, 107.593, 136.612



94, 44.362, 144.117



87, 88.236, 105.941



49, 30.389, 143.722



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, 107.593, 136.612



88, 118.714, 136.383



80, 76.271, 152.232



46, 7.795, 145.646



63, 89.485, 136.560



16, 34.143, 140.547

Inverse Universe

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



53, 100.126, 330.864



59, 109.846, 330.987



49, 76.706, 5.948



44, 7.809, 326.704



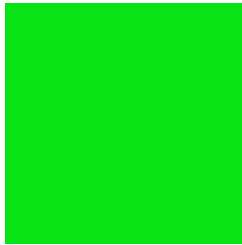
41, 83.255, 330.920



8, 34.430, 330.446

Previews

White Background



This preview shows how the CIE LCh color 79, 107.594, 136.611 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, 107.594, 136.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

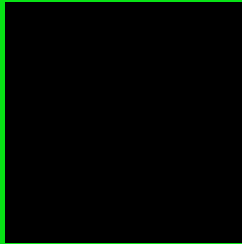
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

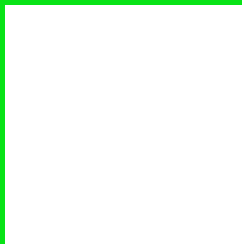
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 107.594, 136.611

Background



This preview shows how black text looks on a background with the CIELCh color 79, 107.594, 136.611.



This preview shows how white text looks on a background with the CIELCh color 79, 107.594, 136.611.

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, 107.615, 136.625

Protanopia

78, 79.733, 94.821

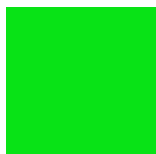
Deuteranopia

78, 70.492, 81.947



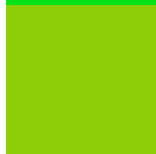
Tritanopia
79, 33.294, 213.285

Trichromacy



Original Color

79, 107.615, 136.625



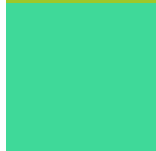
Protanomaly

76, 86.640, 120.701



Deuteranomaly

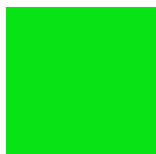
75, 76.318, 117.235



Tritanomaly

78, 58.179, 159.650

Monochromacy



Original Color

79, 107.615, 136.625



Achromatopsia

57, 0.007, 296.813



Achromatomaly

63, 50.484, 142.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 107.594, 136.611 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(8, 227, 22)` looks like.

```
.text, #text, p{  
    color:rgb(8, 227, 22)  
}
```

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(8, 227, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 227, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 107.594, 136.611 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(8, 227, 22) }
```

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

```
.border{ border-color:rgb(8, 227, 22) }
```

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

Here you see how a box with a 4 pixel rgb(8, 227, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 227, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 227, 22);  
box-shadow:4px 4px 4px 4px rgb(8, 227, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 107.594, 136.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 227, 22) }
```

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

```
.background{ background-color: rgb(8, 227,  
22) }
```

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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