

Converting Colors

CIELCh(79, 109.373, 136.119)

Have a look what the booklet for
CIELCh(79, 109.373, 136.119)
contains.

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Color

CIELCh(79, 109.380, 136.113)

Conversions

Conversions Part 1

Format	Color
Hex	01E304
RGB	1, 227, 4
RGB Percent	0%, 89%, 2%
CMY	0.9972, 0.1100, 0.9847
CMYK	1.00, 0.00, 0.98, 0.11
HSL	121°, 99%, 45%
HSV	121°, 100%, 89%
XYZ	27.4878, 54.9284, 9.2646
YIQ	134.0040, -63.1130, -117.2650

Conversions

Conversions Part 2

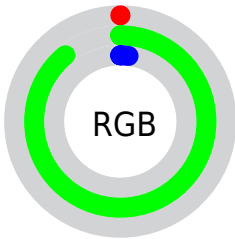
Format	Color
RYB	1, 224, 227
Decimal	123652
CIELab	79.00, -78.83, 75.83
CIELCh	79, 109.380, 136.113
Yxy	54.9284, 0.2998, 0.5991
Android (android.graphics.Color)	4278313732 (0xFF01E304)
YUV	134.0040, -64.0920, -116.6445
Hunter-Lab	74.1137, -63.4955, 44.4681

Details

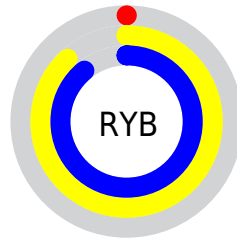
The CIELCh color **79, 109.380, 136.113** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **54, 104.602, 328.802**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 95.105, 135.928**, and **61, 88.399, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 109.447, 136.104**, and if you desaturate by 10%, it is **79, 106.583, 136.546**.

Distribution



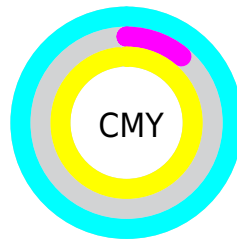
- Red (0%)
- Green (89%)
- Blue (2%)



- Red (0%)
- Yellow (88%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 109.380, 136.113 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, 109.380, 136.113 by changing the saturation by 10% instead.


 79, 109.380,
136.113


 79, 109.380,
136.113


 100, 109.380,
136.113


 69, 109.380,
136.113


 99, 109.380,
136.113

 59, 109.380,
136.113

 49, 109.380,
136.113

 39, 109.380,
136.113

 29, 109.380,
136.113

 19, 109.380,
136.113

 9, 109.380,

136.113

■ 0, 109.380,
136.113

■ 79, 109.380,
136.113

■ 79, 109.380,
136.113

■ 79, 109.447,
136.104

■ 79, 106.583,
136.546

■ 79, 101.029,
137.345

■ 80, 92.749,
138.400

■ 81, 82.239,
139.565

■ 82, 70.068,
140.716

■ 83, 56.752,
141.782

■ 84, 42.727,
142.729

■ 86, 28.345,
143.551

■ 88, 13.881,
144.261

Harmonies

Complementary

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



79, 109.380, 136.113



54, 104.602, 328.802

Rectangle

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



79, 109.380, 136.113



79, 109.380, 186.113



79, 109.380, 316.113



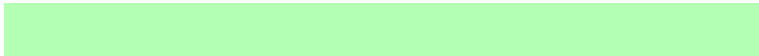
79, 109.380, 6.113

Sweetspot

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



79, 109.379, 136.114



94, 47.453, 142.684



88, 88.684, 102.856



49, 32.308, 142.295



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, 109.379, 136.114



88, 119.556, 136.092



80, 81.949, 148.882



47, 8.215, 144.276



63, 91.385, 136.135



17, 36.503, 139.066

Inverse Universe

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



54, 104.602, 328.802



60, 114.279, 328.809



49, 77.491, 2.501



45, 8.227, 325.318



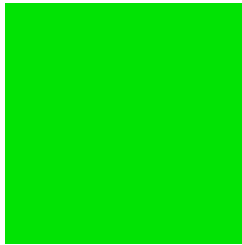
42, 87.464, 328.796



8, 36.765, 328.708

Previews

White Background



This preview shows how the CIE LCh color 79, 109.380, 136.113 looks on a white background.

Color Contrast Check

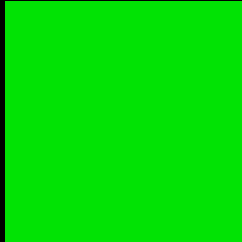
Large Text (above 18pt) WCAG AA × Fail

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 79, 109.380, 136.113 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

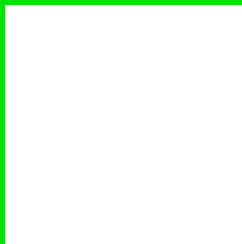
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 109.380, 136.113

Background



This preview shows how black text looks on a background with the CIELCh color 79, 109.380, 136.113.



This preview shows how white text looks on a background with the CIELCh color 79, 109.380,

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

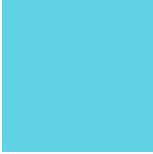
79, 109.380, 136.113

Protanopia

78, 79.733, 94.821

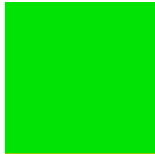
Deuteranopia

78, 71.960, 81.878



Tritanopia
79, 33.294, 213.285

Trichromacy



Original Color

79, 109.380, 136.113



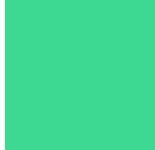
Protanomaly

76, 87.548, 120.985



Deuteranomaly

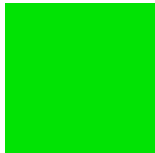
75, 78.640, 116.964



Tritanomaly

78, 60.674, 157.564

Monochromacy



Original Color

79, 109.380, 136.113



Achromatopsia

56, 0.007, 296.813



Achromatomaly

62, 54.134, 140.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 109.380, 136.113 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(1, 227, 4)` looks like.

```
.text, #text, p{  
    color:rgb(1, 227, 4)  
}
```

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(1, 227, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 227, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 109.380, 136.113 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(1, 227, 4) }
```

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

```
.border{ border-color:rgb(1, 227, 4) }
```

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

Here you see how a box with a 4 pixel rgb(1, 227, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 227, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 227, 4); box-shadow:4px  
4px 4px 4px rgb(1, 227, 4) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 109.380, 136.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 227, 4) }
```

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

```
.background{ background-color: rgb(1, 227,  
4) }
```

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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