

Converting Colors

CIELCh(79, 106.540, 136.678)

Have a look what the booklet for
CIELCh(79, 106.540, 136.678)
contains.

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Color

CIELCh(79, 106.653, 136.693)

Conversions

Conversions Part 1

Format	Color
Hex	11E31A
RGB	17, 227, 26
RGB Percent	7%, 89%, 10%
CMY	0.9317, 0.1113, 0.8966
CMYK	0.92, 0.00, 0.88, 0.11
HSL	123°, 86%, 48%
HSV	123°, 92%, 89%
XYZ	27.7934, 54.9284, 10.1348
YIQ	141.2960, -60.6390, -107.0310

Conversions

Conversions Part 2

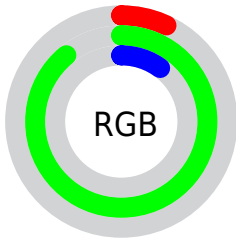
Format	Color
RYB	17, 218, 227
Decimal	1172250
CIELab	79.00, -77.61, 73.15
CIELCh	79, 106.653, 136.693
Yxy	54.9284, 0.2993, 0.5915
Android (android.graphics.Color)	4279362330 (0xFF11E31A)
YUV	141.2960, -56.8409, -109.0076
Hunter-Lab	74.1137, -62.7595, 43.7719

Details

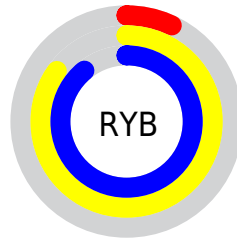
The CIELCh color **79, 106.653, 136.693** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **54, 100.949, 329.863**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 91.998, 136.629**, and **61, 88.399, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 108.845, 136.285**, and if you desaturate by 10%, it is **79, 101.452, 137.585**.

Distribution



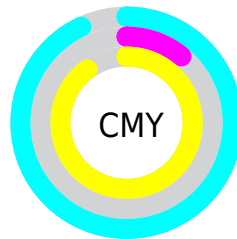
- Red (7%)
- Green (89%)
- Blue (10%)



- Red (7%)
- Yellow (85%)
- Blue (89%)



- Cyan (92%)
- Magenta (0%)
- Yellow (88%)
- Black (11%)





- Cyan (93%)
- Magenta (11%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 106.653, 136.693 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, 106.653, 136.693 by changing the saturation by 10% instead.


 79, 106.653,
136.693


 79, 106.653,
136.693


 100, 106.653,
136.693


 69, 106.653,
136.693


 99, 106.653,
136.693

 59, 106.653,
136.693

 49, 106.653,
136.693

 39, 106.653,
136.693

 29, 106.653,
136.693

 19, 106.653,
136.693

 9, 106.653,

136.693

■ 0, 106.653,
136.693

■ 79, 106.653,
136.693

■ 79, 106.653,
136.693

■ 79, 108.845,
136.285

■ 79, 101.452,
137.585

■ 80, 93.639,
138.717

■ 80, 83.646,
139.945

■ 81, 71.983,
141.153

■ 83, 59.134,
142.269

■ 84, 45.521,
143.261

■ 86, 31.491,
144.123

■ 87, 17.324,
144.866

■ 90, 3.232, 145.565

Harmonies

Complementary

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



79, 106.653, 136.693



54, 100.949, 329.863

Rectangle

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



79, 106.653, 136.693



79, 106.653, 186.693



79, 106.653, 316.693



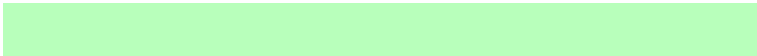
79, 106.653, 6.693

Sweetspot

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



79, 106.652, 136.694



94, 43.458, 143.633



87, 87.186, 104.931



49, 29.957, 143.241



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, 106.652, 136.694



88, 119.104, 136.248



80, 75.613, 152.301



46, 7.907, 145.062



63, 89.871, 136.383



16, 34.504, 140.191

Inverse Universe

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



54, 100.949, 329.863



60, 111.682, 330.046



49, 76.084, 2.481



44, 7.920, 326.111



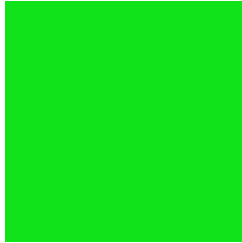
41, 84.615, 330.002



8, 34.914, 329.695

Previews

White Background



This preview shows how the CIE LCh color 79, 106.653, 136.693 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, 106.653, 136.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

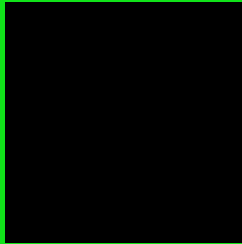
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 106.653, 136.693

Background



This preview shows how black text looks on a background with the CIELCh color 79, 106.653, 136.693.



This preview shows how white text looks on a background with the CIELCh color 79, 106.653, 136.693.

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

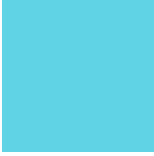
79, 106.860, 136.680

Protanopia

78, 78.350, 95.132

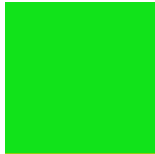
Deuteranopia

78, 69.827, 81.810



Tritanopia
79, 33.115, 213.384

Trichromacy



Original Color

79, 106.860, 136.680



Protanomaly

76, 85.177, 120.285



Deuteranomaly

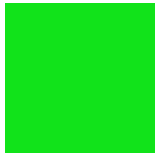
75, 74.622, 116.028



Tritanomaly

78, 56.921, 160.116

Monochromacy



Original Color

79, 106.860, 136.680



Achromatopsia

59, 0.008, 296.813



Achromatomaly

64, 49.384, 142.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 106.653, 136.693 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(17, 227, 26)` looks like.

```
.text, #text, p{  
    color:rgb(17, 227, 26)  
}
```

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(17, 227, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 227, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 106.653, 136.693 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(17, 227, 26) }
```

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

```
.border{ border-color:rgb(17, 227, 26) }
```

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

Here you see how a box with a 4 pixel rgb(17, 227, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 227, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 227, 26);  
box-shadow:4px 4px 4px 4px rgb(17, 227,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 106.653, 136.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 227, 26) }
```

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

```
.background{ background-color: rgb(17, 227,  
26) }
```

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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