

Converting Colors

CIELCh(79, 108.737, 136.336)

Have a look what the booklet for
CIELCh(79, 108.737, 136.336)
contains.

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Color

CIELCh(79, 108.787, 136.336)

Conversions

Conversions Part 1

Format	Color
Hex	01E30C
RGB	1, 227, 12
RGB Percent	0%, 89%, 5%
CMY	0.9978, 0.1101, 0.9537
CMYK	1.00, 0.00, 0.95, 0.11
HSL	123°, 100%, 45%
HSV	123°, 100%, 89%
XYZ	27.5214, 54.9284, 9.4929
YIQ	134.9160, -65.6810, -114.7770

Conversions

Conversions Part 2

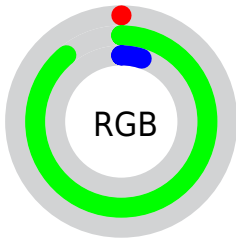
Format	Color
RYB	1, 217, 227
Decimal	123660
CIELab	79.00, -78.70, 75.11
CIELCh	79, 108.787, 136.336
Yxy	54.9284, 0.2993, 0.5974
Android (android.graphics.Color)	4278313740 (0xFF01E30C)
YUV	134.9160, -60.5976, -117.4443
Hunter-Lab	74.1137, -63.4147, 44.2854

Details

The CIELCh color **79, 108.787, 136.336** 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 **53, 101.680, 330.339**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 94.451, 136.185**, and **61, 88.399, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 108.840, 136.329**, and if you desaturate by 10%, it is **79, 105.452, 136.986**.

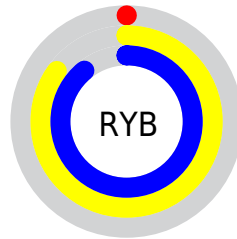
Distribution



Red (0%)

Green (89%)

Blue (5%)



Red (0%)

Yellow (85%)

Blue (89%)

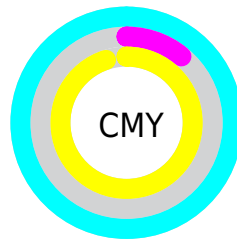


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (11%)



Cyan (100%)


Magenta (11%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 108.787, 136.336 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, 108.787, 136.336 by changing the saturation by 10% instead.


 79, 108.787,
136.336


 79, 108.787,
136.336


 100, 108.787,
136.336


 69, 108.787,
136.336


 99, 108.787,
136.336

 59, 108.787,
136.336

 49, 108.787,
136.336

 39, 108.787,
136.336

 29, 108.787,
136.336

 19, 108.787,
136.336

 9, 108.787,

136.336

■ 0, 108.787,
136.336

■ 79, 108.787,
136.336

■ 79, 108.787,
136.336

■ 79, 108.840,
136.329

■ 79, 105.452,
136.986

■ 79, 99.467,
137.991

■ 80, 91.007,
139.187

■ 81, 80.534,
140.435

■ 82, 68.546,
141.633

■ 83, 55.503,
142.724

■ 84, 41.799,
143.685

■ 86, 27.762,
144.517

■ 88, 13.649,
145.236

Harmonies

Complementary

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



79, 108.787, 136.336



53, 101.680, 330.339

Rectangle

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



79, 108.787, 136.336



79, 108.787, 186.336



79, 108.787, 316.336



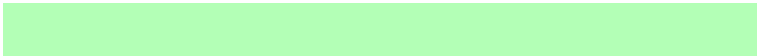
79, 108.787, 6.336

Sweetspot

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



79, 108.786, 136.337



94, 46.313, 143.646



87, 88.773, 104.941



49, 31.536, 143.252



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, 108.786, 136.337



88, 118.983, 136.290



80, 79.133, 150.603



46, 7.869, 145.257



63, 89.741, 136.443



16, 34.382, 140.310

Inverse Universe

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



53, 101.680, 330.339



60, 111.058, 330.359



49, 77.269, 5.772



44, 7.882, 326.310



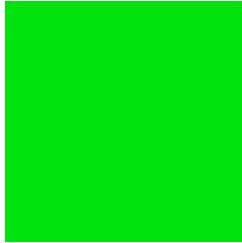
41, 84.153, 330.308



8, 34.750, 329.946

Previews

White Background



This preview shows how the CIE LCh color 79, 108.787, 136.336 looks on a white background.

Color Contrast Check

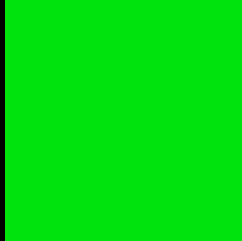
Large Text (above 18pt) WCAG AA × Fail

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, 108.787, 136.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

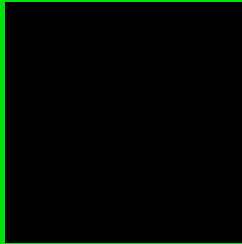
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

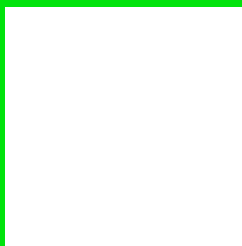
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 108.787, 136.336

Background



This preview shows how black text looks on a background with the CIELCh color 79, 108.787, 136.336.



This preview shows how white text looks on a background with the CIELCh color 79, 108.787, 136.336.

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, 108.787, 136.336

Protanopia

78, 79.733, 94.821

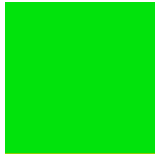
Deuteranopia

78, 71.648, 81.816



Tritanopia
79, 33.294, 213.285

Trichromacy



Original Color

79, 108.787, 136.336



Protanomaly

76, 87.272, 121.062



Deuteranomaly

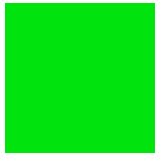
75, 78.060, 117.421



Tritanomaly

78, 59.920, 158.292

Monochromacy



Original Color

79, 108.787, 136.336



Achromatopsia

56, 0.007, 296.813



Achromatomaly

62, 52.853, 141.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 108.787, 136.336 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, 12)` looks like.

```
.text, #text, p{  
    color:rgb(1, 227, 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(1, 227, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 227, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 108.787, 136.336 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, 12) }
```

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

```
.border{ border-color:rgb(1, 227, 12) }
```

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, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 227, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 227, 12);  
box-shadow:4px 4px 4px 4px rgb(1, 227, 12)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 108.787, 136.336 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, 12) }
```

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

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