

Converting Colors

CIELCh(89, 110.212, 130.633)

Have a look what the booklet for
CIELCh(89, 110.212, 130.633)
contains.

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Color

CIELCh(89, 110.207, 130.622)

Conversions

Conversions Part 1

Format	Color
Hex	6FFE0F
RGB	111, 254, 15
RGB Percent	44%, 100%, 6%
CMY	0.5656, 0.0046, 0.9393
CMYK	0.56, 0.00, 0.94, 0.00
HSL	96°, 99%, 53%
HSV	96°, 94%, 100%
XYZ	41.9987, 74.1641, 12.5703
YIQ	183.9970, -8.5090, -104.6450

Conversions

Conversions Part 2

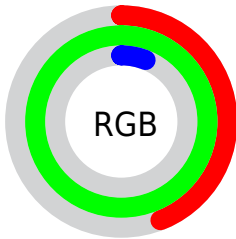
Format	Color
RYB	15, 254, 158
Decimal	7339535
CIELab	89.00, -71.75, 83.65
CIELCh	89, 110.207, 130.622
Yxy	74.1641, 0.3262, 0.5761
Android (android.graphics.Color)	4285529615 (0xFF6FFE0F)
YUV	183.9970, -83.3155, -64.0184
Hunter-Lab	86.1186, -63.6558, 51.6287

Details

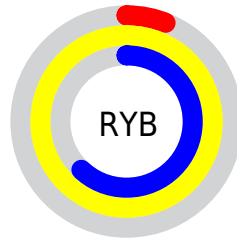
The CIELCh color **89, 110.207, 130.622** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **45, 119.657, 314.655**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 82.202, 126.258**, and **69, 97.514, 135.462** is the 20% darker color. If you saturate the color by 10%, you get **89, 112.450, 131.265**, and if you desaturate by 10%, it is **90, 104.686, 129.857**.

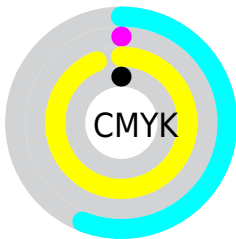
Distribution



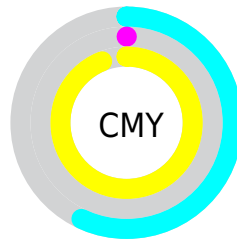
- Red (44%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (62%)



- Cyan (56%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)





- Cyan (57%)
- Magenta (0%)
- Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 110.207, 130.622 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 89, 110.207, 130.622 by changing the saturation by 10% instead.


 89, 110.207,
130.622


 89, 110.207,
130.622


 100, 110.207,
130.622


 79, 110.207,
130.622


 69, 110.207,
130.622

 59, 110.207,
130.622

 49, 110.207,
130.622

 39, 110.207,
130.622

 29, 110.207,
130.622

 19, 110.207,

130.622

■ 9, 110.207,
130.622

■ 0, 110.207,
130.622

■ 89, 110.207,
130.622

■ 89, 110.207,
130.622

■ 89, 112.450,
131.265

■ 90, 104.686,
129.857

■ 90, 96.509,
129.566

■ 91, 86.138,
129.647

■ 92, 74.191,
129.966

■ 93, 61.210,
130.411

■ 94, 47.600,
130.908

■ 96, 33.649,
131.410

■ 97, 19.557,
131.892

■ 99, 5.466, 132.359

Harmonies

Complementary

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



89, 110.207, 130.622



45, 119.657, 314.655

Rectangle

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



89, 110.207, 130.622



89, 110.207, 180.622



89, 110.207, 310.622



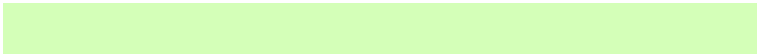
89, 110.207, 0.622

Sweetspot

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



89, 110.207, 130.623



96, 39.540, 131.205



73, 80.584, 70.447



50, 27.261, 130.988



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 110.207, 130.623



89, 112.853, 131.268



87, 115.027, 137.253



52, 8.017, 132.096



69, 90.630, 131.008



23, 40.250, 129.616

Inverse Universe

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



45, 119.657, 314.655



44, 122.346, 314.197



59, 105.724, 332.459



49, 8.106, 312.877



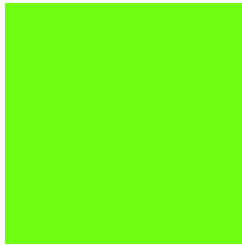
33, 98.399, 314.386



7, 44.664, 315.672

Previews

White Background



This preview shows how the CIE LCh color 89, 110.207, 130.622 looks on a white background.

Color Contrast Check

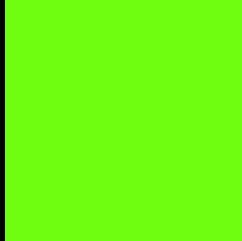
Large Text (above 18pt) WCAG AA × Fail

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 89, 110.207, 130.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

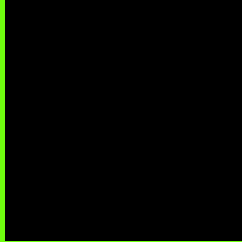
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 110.207, 130.622

Background



This preview shows how black text looks on a background with the CIELCh color 89, 110.207, 130.622.



This preview shows how white text looks on a background with the CIELCh color 89, 110.207, 130.622.

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


89, 110.291, 130.595

Protanopia

88, 88.184, 94.923

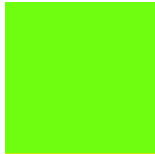
Deuteranopia

88, 34.160, 80.144



Tritanopia
89, 27.646, 219.039

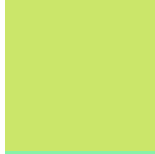
Trichromacy



Original Color
89, 110.291, 130.595



Protanomaly
87, 91.770, 112.077

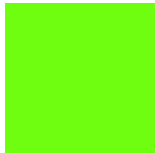


Deuteranomaly
87, 62.542, 115.239

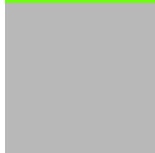


Tritanomaly
88, 53.574, 150.569

Monochromacy



Original Color
89, 110.291, 130.595



Achromatopsia
75, 0.009, 296.813



Achromatomaly
79, 49.203, 130.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 110.207, 130.622 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(111, 254, 15)` looks like.

```
.text, #text, p{  
    color:rgb(111, 254, 15)  
}
```

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(111, 254, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 254, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 110.207, 130.622 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(111, 254, 15) }
```

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

```
.border{ border-color:rgb(111, 254, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 254, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 254, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 254, 15);  
box-shadow:4px 4px 4px 4px rgb(111, 254,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 110.207, 130.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 254, 15) }
```

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

```
.background{ background-color: rgb(111,  
254, 15) }
```

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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