

Converting Colors

CIELCh(89, 99.453, 132.271)

Have a look what the booklet for
CIELCh(89, 99.453, 132.271)
contains.

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Color

CIELCh(89, 99.305, 132.188)

Conversions

Conversions Part 1

Format	Color
Hex	79FC40
RGB	121, 252, 64
RGB Percent	47%, 99%, 25%
CMY	0.5248, 0.0112, 0.7484
CMYK	0.52, 0.00, 0.75, 0.01
HSL	102°, 97%, 62%
HSV	102°, 75%, 99%
XYZ	43.6959, 74.1641, 16.8869
YIQ	191.3990, -17.7280, -86.2400

Conversions

Conversions Part 2

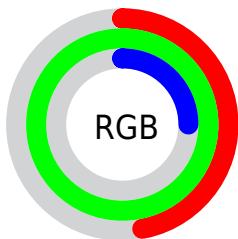
Format	Color
RYB	64, 252, 195
Decimal	7994432
CIELab	89.00, -66.69, 73.58
CIELCh	89, 99.305, 132.188
Yxy	74.1641, 0.3243, 0.5504
Android (android.graphics.Color)	4286184512 (0xFF79FC40)
YUV	191.3990, -62.8077, -61.7399
Hunter-Lab	86.1186, -60.1381, 48.6569

Details

The CIELCh color **89, 99.305, 132.188** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **54, 103.862, 318.155**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 70.222, 128.407**, and **69, 94.814, 133.903** is the 20% darker color. If you saturate the color by 10%, you get **88, 107.412, 132.320**, and if you desaturate by 10%, it is **90, 88.880, 132.405**.

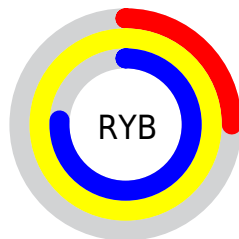
Distribution



Red (47%)

Green (99%)

Blue (25%)



Red (25%)

Yellow (99%)

Blue (76%)

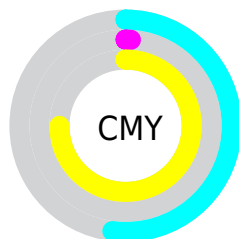


Cyan (52%)

Magenta (0%)

Yellow (75%)

Black (1%)



Cyan (52%)


Magenta (1%)


Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 99.305, 132.188 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, 99.305, 132.188 by changing the saturation by 10% instead.

 89, 99.305,
132.188

 89, 99.305,
132.188

 100, 99.305,
132.188

 79, 99.305,
132.188

 69, 99.305,
132.188

 59, 99.305,
132.188

 49, 99.305,
132.188

 39, 99.305,
132.188


 29, 99.305,
132.188


 19, 99.305,


132.188

 9, 99.305, 132.188


 0, 99.305, 132.188


 89, 99.305,
132.188


 89, 99.305,
132.188


 88, 107.412,
132.320


 90, 88.880,
132.405

 88, 112.742,
132.898

 91, 76.769,
132.836


 88, 114.664,
133.334

 92, 63.540,
133.371

 93, 49.628,
133.934

 95, 35.345,

134.482

 96, 20.919,
134.994

 98, 6.510, 135.474

 99, 1.775, 324.329

Harmonies

Complementary

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



89, 99.305, 132.188



54, 103.862, 318.155

Rectangle

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



89, 99.305, 132.188



89, 99.305, 182.188



89, 99.305, 312.188



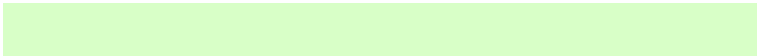
89, 99.305, 2.188

Sweetspot

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



89, 99.305, 132.189



96, 31.960, 134.616



81, 69.729, 82.027



51, 21.475, 134.473



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, 99.305, 132.189



89, 111.107, 132.523



88, 95.698, 141.886



51, 8.096, 135.237



67, 91.965, 133.111



22, 39.945, 132.162

Inverse Universe

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



54, 103.862, 318.155



50, 115.879, 317.774



61, 91.659, 335.059



49, 8.164, 316.017



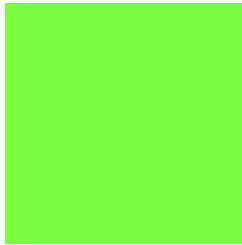
35, 95.555, 317.250



8, 42.912, 318.468

Previews

White Background



This preview shows how the CIELCh color 89, 99.305, 132.188 looks on a white background.

Color Contrast Check

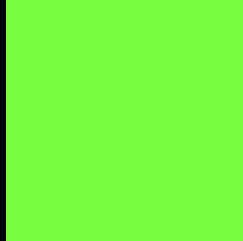
Large Text (above 18pt) WCAG AA × Fail

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 89, 99.305, 132.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

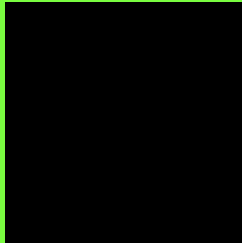
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

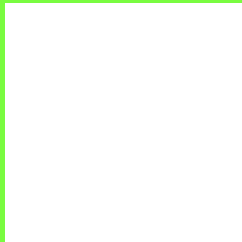
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 99.305, 132.188

Background



This preview shows how black text looks on a background with the CIELCh color 89, 99.305, 132.188.

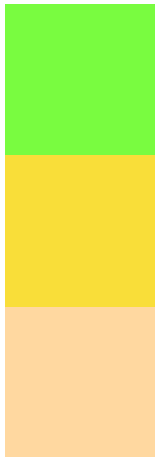


This preview shows how white text looks on a background with the CIELCh color 89, 99.305, 132.188.

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, 99.305, 132.188

Protanopia
88, 78.171, 95.095

Deuteranopia
88, 33.234, 79.475



Tritanopia
89, 26.001, 220.552

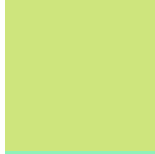
Trichromacy



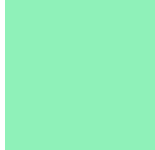
Original Color
89, 99.305, 132.188



Protanomaly
88, 81.198, 112.508

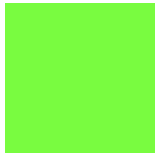


Deuteranomaly
87, 53.275, 115.847

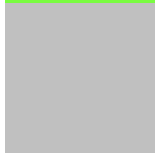


Tritanomaly
88, 44.781, 156.082

Monochromacy



Original Color
89, 99.305, 132.188



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 40.107, 134.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 99.305, 132.188 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(121, 252, 64)` looks like.

```
.text, #text, p{  
    color:rgb(121, 252, 64)  
}
```

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(121, 252, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 252, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 99.305, 132.188 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(121, 252, 64) }
```

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

```
.border{ border-color:rgb(121, 252, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 252, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 252, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 252, 64);  
box-shadow:4px 4px 4px 4px rgb(121, 252,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 99.305, 132.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 252, 64) }
```

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

```
.background{ background-color: rgb(121,  
252, 64) }
```

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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