

Converting Colors

CIELCh(89, 93.236, 138.967)

Have a look what the booklet for
CIELCh(89, 93.236, 138.967)
contains.

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Color

CIElCh(89, 93.370, 138.944)

Conversions

Conversions Part 1

Format	Color
Hex	61FE61
RGB	97, 254, 97
RGB Percent	38%, 100%, 38%
CMY	0.6204, 0.0046, 0.6202
CMYK	0.62, 0.00, 0.62, 0.00
HSL	120°, 99%, 69%
HSV	120°, 62%, 100%
XYZ	42.4452, 74.1641, 23.3483
YIQ	189.1590, -43.1750, -82.1110

Conversions

Conversions Part 2

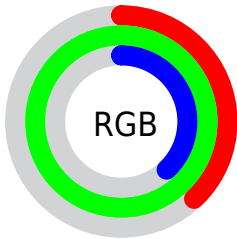
Format	Color
RYB	97, 254, 254
Decimal	6422113
CIELab	89.00, -70.41, 61.33
CIELCh	89, 93.370, 138.944
Yxy	74.1641, 0.3033, 0.5299
Android (android.graphics.Color)	4284612193 (0xFF61FE61)
YUV	189.1590, -45.4344, -80.8234
Hunter-Lab	86.1186, -62.7304, 44.2084

Details

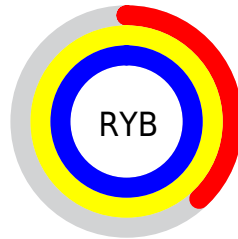
The CIELCh color **89, 93.370, 138.944** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **67, 92.219, 327.543**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 61.740, 139.371**, and **69, 92.609, 138.474** is the 20% darker color. If you saturate the color by 10%, you get **88, 104.276, 137.829**, and if you desaturate by 10%, it is **90, 80.398, 140.093**.

Distribution



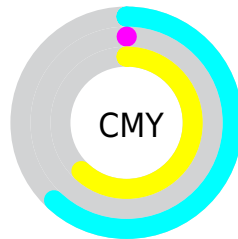
- Red (38%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)




- Cyan (62%)
- Magenta (0%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 93.370, 138.944 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, 93.370, 138.944 by changing the saturation by 10% instead.

 89, 93.370,
138.944

 89, 93.370,
138.944


 100, 93.370,
138.944


 79, 93.370,
138.944

 69, 93.370,
138.944

 59, 93.370,
138.944

 49, 93.370,
138.944

 39, 93.370,
138.944


 29, 93.370,
138.944


 19, 93.370,


138.944


 9, 93.370, 138.944


 0, 93.370, 138.944


 89, 93.370,
138.944


 89, 93.370,
138.944


 88, 104.276,
137.829


 90, 80.398,
140.093


 88, 112.460,
136.888

 91, 65.979,
141.180

 87, 117.436,
136.267

 93, 50.643,
142.157

 87, 119.357,
136.018

 95, 34.815,
143.010

 97, 18.829,

143.745

99, 2.931, 144.451

100, 0.734,
324.046

Harmonies

Complementary

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



89, 93.370, 138.944



67, 92.219, 327.543

Rectangle

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



89, 93.370, 138.944



89, 93.370, 188.944



89, 93.370, 318.944



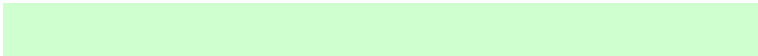
89, 93.370, 8.944

Sweetspot

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



89, 93.371, 138.945



96, 30.350, 143.232



97, 74.859, 104.440



50, 20.898, 143.010



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, 93.371, 138.945



88, 106.659, 137.606



90, 64.094, 156.473



52, 9.042, 143.904



68, 96.469, 136.018



22, 43.819, 136.782

Inverse Universe

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



67, 92.219, 327.543



64, 104.375, 327.908



64, 67.599, 351.150



50, 9.055, 324.955



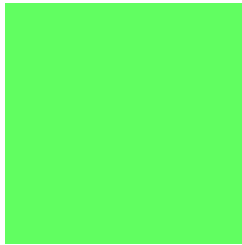
45, 93.060, 328.245



12, 42.813, 328.243

Previews

White Background



This preview shows how the CIE LCh color 89, 93.370, 138.944 looks on a white background.

Color Contrast Check

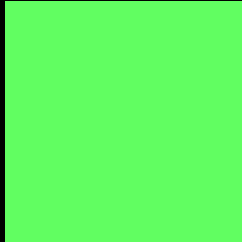
Large Text (above 18pt) WCAG AA × Fail

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, 93.370, 138.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

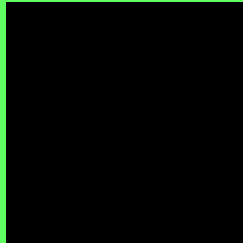
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

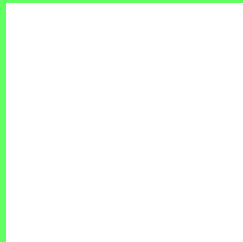
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 93.370, 138.944

Background



This preview shows how black text looks on a background with the CIELCh color 89, 93.370, 138.944.

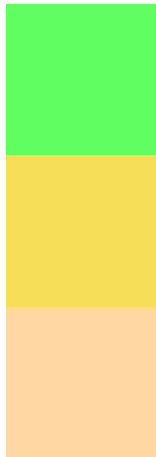


This preview shows how white text looks on a background with the CIELCh color 89, 93.370, 138.944.

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, 93.370, 138.944

Protanopia
88, 66.886, 95.432

Deuteranopia
88, 31.641, 77.355

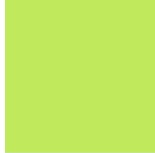


Tritanopia
89, 29.157, 216.685

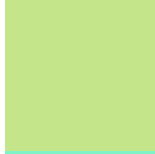
Trichromacy



Original Color
89, 93.370, 138.944



Protanomaly
87, 71.697, 118.291

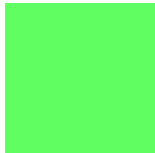


Deuteranomaly
87, 47.565, 121.767

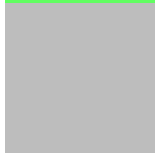


Tritanomaly
88, 45.358, 164.586

Monochromacy



Original Color
89, 93.370, 138.944



Achromatopsia
77, 0.009, 296.813



Achromatomaly
80, 37.605, 142.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 93.370, 138.944 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(97, 254, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 254, 97)  
}
```

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(97, 254, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 254, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 93.370, 138.944 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(97, 254, 97) }
```

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

```
.border{ border-color:rgb(97, 254, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 254, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 254, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 254, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 254,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 93.370, 138.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 254, 97) }
```

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

```
.background{ background-color: rgb(97, 254,  
97) }
```

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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