

Converting Colors

CIELCh(89, 91.183, 138.840)

Have a look what the booklet for
CIELCh(89, 91.183, 138.840)
contains.

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Color

CIELCh(89, 91.173, 138.885)

Conversions

Conversions Part 1

Format	Color
Hex	66FD64
RGB	102, 253, 100
RGB Percent	40%, 99%, 39%
CMY	0.5990, 0.0069, 0.6070
CMYK	0.60, 0.00, 0.60, 0.01
HSL	119°, 98%, 69%
HSV	119°, 60%, 99%
XYZ	43.0203, 74.1641, 24.1604
YIQ	190.4090, -40.8830, -79.5950

Conversions

Conversions Part 2

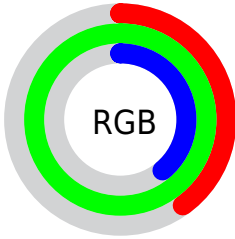
Format	Color
RYB	100, 253, 251
Decimal	6749540
CIELab	89.00, -68.69, 59.95
CIELCh	89, 91.173, 138.885
Yxy	74.1641, 0.3044, 0.5247
Android (android.graphics.Color)	4284939620 (0xFF66FD64)
YUV	190.4090, -44.5716, -77.5347
Hunter-Lab	86.1186, -61.5384, 43.6493

Details

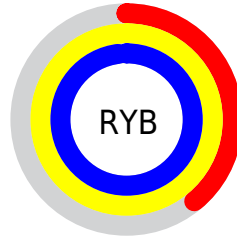
The CIELCh color **89, 91.173, 138.885** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **67, 90.269, 327.066**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 60.165, 138.912**, and **69, 91.135, 138.891** is the 20% darker color. If you saturate the color by 10%, you get **88, 102.431, 137.803**, and if you desaturate by 10%, it is **90, 77.978, 139.992**.

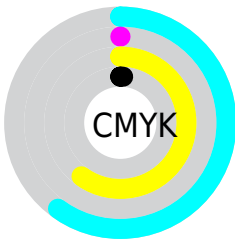
Distribution



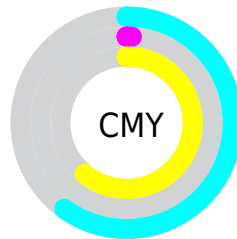
- Red (40%)
- Green (99%)
- Blue (39%)



- Red (39%)
- Yellow (99%)
- Blue (98%)



- Cyan (60%)
- Magenta (0%)
- Yellow (60%)
- Black (1%)





- Cyan (60%)
- Magenta (1%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 91.173, 138.885 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, 91.173, 138.885 by changing the saturation by 10% instead.


 89, 91.173,
138.885

 89, 91.173,
138.885


 100, 91.173,
138.885

 79, 91.173,
138.885

 69, 91.173,
138.885

 59, 91.173,
138.885

 49, 91.173,
138.885

 39, 91.173,
138.885


 29, 91.173,
138.885


 19, 91.173,


138.885


 9, 91.173, 138.885


 0, 91.173, 138.885


 89, 91.173,
138.885


 89, 91.173,
138.885


 88, 102.431,
137.803


 90, 77.978,
139.992


 88, 111.089,
136.880

 91, 63.450,
141.034

 87, 116.609,
136.262

 93, 48.094,
141.970

 87, 119.090,
135.979

 95, 32.315,
142.787

 97, 16.424,

143.492

99, 0.651, 144.532

100, 1.101,
324.199

Harmonies

Complementary

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



89, 91.173, 138.885



67, 90.269, 327.066

Rectangle

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



89, 91.173, 138.885



89, 91.173, 188.885



89, 91.173, 318.885



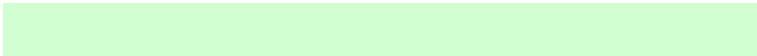
89, 91.173, 8.885

Sweetspot

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



89, 91.174, 138.886



96, 28.626, 142.967



96, 72.296, 103.748



51, 19.904, 142.749



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, 91.174, 138.886



89, 105.514, 137.541



90, 63.672, 155.870



52, 9.004, 143.553



68, 96.404, 135.963



22, 43.715, 136.593

Inverse Universe

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



67, 90.269, 327.066



64, 103.501, 327.432



64, 66.735, 349.787



50, 9.019, 324.584



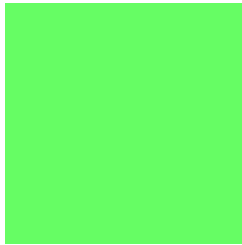
45, 93.134, 327.704



12, 42.843, 327.768

Previews

White Background



This preview shows how the CIE LCh color 89, 91.173, 138.885 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, 91.173, 138.885 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, 91.173, 138.885

Background



This preview shows how black text looks on a background with the CIELCh color 89, 91.173, 138.885.

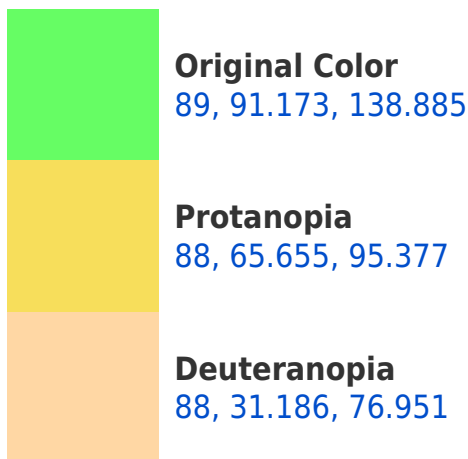



This preview shows how white text looks on a background with the CIELCh color 89, 91.173, 138.885.

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



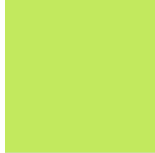


Tritanopia
89, 28.702, 217.022

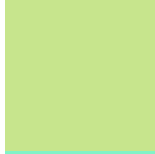
Trichromacy



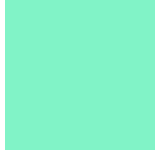
Original Color
89, 91.173, 138.885



Protanomaly
87, 69.819, 117.768



Deuteranomaly
87, 46.405, 121.228

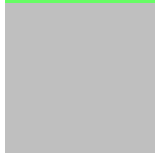


Tritanomaly
88, 44.051, 165.200

Monochromacy



Original Color
89, 91.173, 138.885



Achromatopsia
77, 0.009, 296.813



Achromatomaly
81, 36.073, 142.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 91.173, 138.885 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(102, 253, 100)` looks like.

```
.text, #text, p{  
    color:rgb(102, 253, 100)  
}
```

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(102, 253, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 253, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 91.173, 138.885 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(102, 253, 100) }
```

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

```
.border{ border-color:rgb(102, 253, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 253, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 253, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 253, 100); box-shadow:4px 4px 4px 4px rgb(102, 253, 100) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 91.173, 138.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 253, 100) }
```

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

```
.background{ background-color: rgb(102,  
253, 100) }
```

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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