

# Converting Colors

CIELCh(88, 95.595, 130.388)

Have a look what the booklet for  
CIELCh(88, 95.595, 130.388)  
contains.

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**Color**

**CIELCh(88, 95.394, 130.383)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84F740
RGB	132, 247, 64
RGB Percent	52%, 97%, 25%
CMY	0.4808, 0.0299, 0.7474
CMYK	0.46, 0.00, 0.74, 0.03
HSL	98°, 92%, 61%
HSV	98°, 74%, 97%
XYZ	43.8913, 72.0653, 16.5083
YIQ	191.7530, -9.7970, -81.2930

# Conversions

## Conversions Part 2

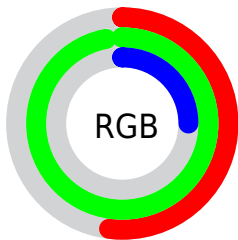
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 247, 179
Decimal	8714048
CIELab	88.00, -61.81, 72.66
CIElCh	88, 95.394, 130.383
Yxy	72.0653, 0.3313, 0.5440
Android (android.graphics.Color)	4286904128 (0xFF84F740)
YUV	191.7530, -62.9822, -52.4034
Hunter-Lab	84.8913, -56.2700, 47.8941

# Details

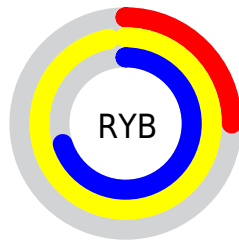
The CIELCh color **88, 95.394, 130.383** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **52, 102.027, 316.121**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 69.177, 125.579**, and **68, 91.218, 132.002** is the 20% darker color. If you saturate the color by 10%, you get **87, 103.470, 130.626**, and if you desaturate by 10%, it is **89, 85.152, 130.504**.

# Distribution



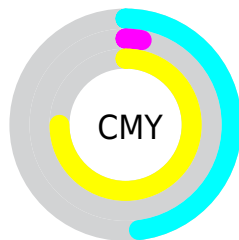
- Red (52%)
- Green (97%)
- Blue (25%)



- Red (25%)
- Yellow (97%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (74%)
- Black (3%)




- Cyan (48%)
- Magenta (3%)
- Yellow (75%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 95.394, 130.383 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 88, 95.394, 130.383 by changing the saturation by 10% instead.





 88, 95.394,  
130.383


 88, 95.394,  
130.383


 100, 95.394,  
130.383


 78, 95.394,  
130.383

 68, 95.394,  
130.383

 58, 95.394,  
130.383

 48, 95.394,  
130.383

 38, 95.394,  
130.383


 28, 95.394,  
130.383


 18, 95.394,


130.383


 8, 95.394, 130.383


 0, 95.394, 130.383


 88, 95.394,  
130.383


 88, 95.394,  
130.383


 87, 103.470,  
130.626


 89, 85.152,  
130.504

 87, 108.920,  
131.334

 90, 73.351,  
130.852


 87, 111.121,  
131.924

 91, 60.527,  
131.319

 92, 47.081,  
131.830

 93, 33.299,

132.342

 95, 19.382,  
132.828

 97, 5.473, 133.296

 98, 4.742, 324.542

# Harmonies

# Complementary

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



88, 95.394, 130.383



52, 102.027, 316.121

# Rectangle

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



88, 95.394, 130.383



88, 95.394, 180.383



88, 95.394, 310.383



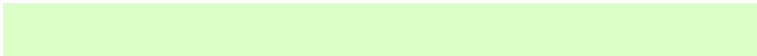
88, 95.394, 0.383

# Sweetspot

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



88, 95.394, 130.384



96, 31.336, 132.438



77, 66.588, 76.354



51, 21.053, 132.302



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

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



88, 95.394, 130.384



89, 109.113, 130.932



86, 97.778, 140.193



51, 7.945, 133.036



68, 90.419, 131.684



22, 39.238, 130.513



# Inverse Universe

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



52, 102.027, 316.121



48, 117.040, 315.744



61, 94.081, 332.142



48, 8.026, 313.810



33, 96.843, 315.191

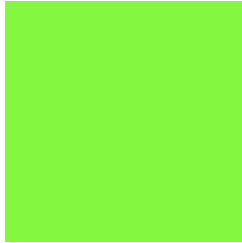


7, 43.159, 316.447



# Previews

## White Background



This preview shows how the CIELCh color 88, 95.394, 130.383 looks on a white background.

## Color Contrast Check

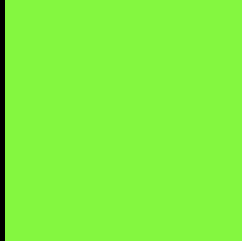
Large Text (above 18pt) WCAG AA × Fail

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 88, 95.394, 130.383 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

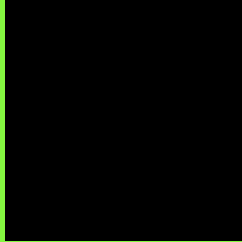
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

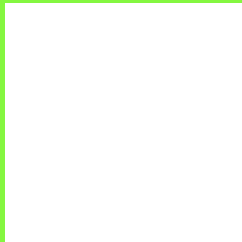
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 88, 95.394, 130.383**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 88, 95.394, 130.383.

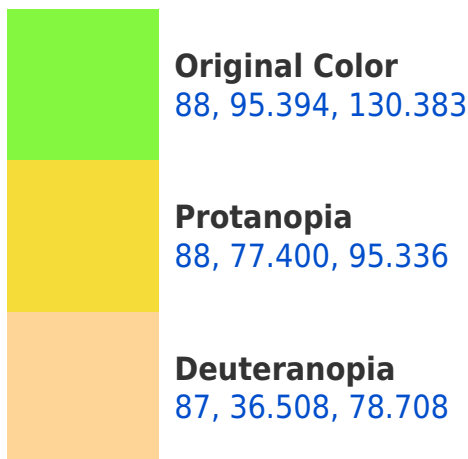


This preview shows how white text looks on a background with the CIELCh color 88, 95.394, 130.383.

# 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**  
88, 23.199, 222.233

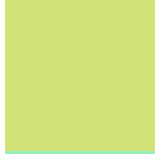
# Trichromacy



**Original Color**  
88, 95.394, 130.383



**Protanomaly**  
87, 79.828, 111.213

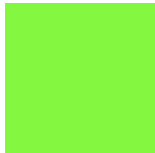


**Deuteranomaly**  
86, 53.353, 112.302

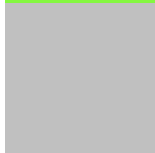


**Tritanomaly**  
87, 41.822, 153.603

# Monochromacy



**Original Color**  
88, 95.394, 130.383



**Achromatopsia**  
78, 0.009, 296.813



**Achromatomaly**  
81, 38.209, 132.246

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 88, 95.394, 130.383 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(132, 247, 64)` looks like.

```
.text, #text, p{  
    color:rgb(132, 247, 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(132, 247, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 247, 64) }
```

## Border

The CSS property to change the border of an element to CIELCh 88, 95.394, 130.383 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(132, 247, 64) }
```

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

```
.border{ border-color:rgb(132, 247, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 247, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 247, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 247, 64);  
box-shadow:4px 4px 4px 4px rgb(132, 247,  
64) }
```

# Background

The CSS property to change the background color of an element to CIELCh 88, 95.394, 130.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 247, 64) }
```

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

```
.background{ background-color: rgb(132,  
247, 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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