

Converting Colors

CIELCh(90, 90.370, 134.751)

Have a look what the booklet for
CIELCh(90, 90.370, 134.751)
contains.

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Color

CIELCh(90, 90.380, 134.738)

Conversions

Conversions Part 1

Format	Color
Hex	7FFE5D
RGB	127, 254, 93
RGB Percent	50%, 100%, 36%
CMY	0.5013, 0.0033, 0.6347
CMYK	0.50, 0.00, 0.63, 0.00
HSL	107°, 99%, 68%
HSV	107°, 63%, 100%
XYZ	46.2528, 76.3034, 22.6815
YIQ	197.6730, -24.0110, -76.9950

Conversions

Conversions Part 2

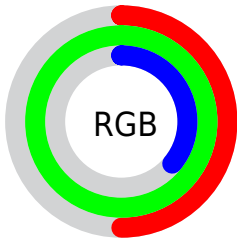
Format	Color
RYB	93, 254, 220
Decimal	8388189
CIELab	90.00, -63.62, 64.20
CIELCh	90, 90.380, 134.738
Yxy	76.3034, 0.3185, 0.5254
Android (android.graphics.Color)	4286578269 (0xFF7FFE5D)
YUV	197.6730, -51.6038, -61.9802
Hunter-Lab	87.3518, -58.3499, 45.7512

Details

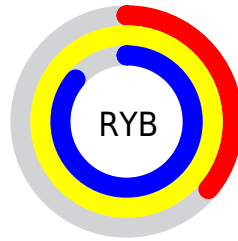
The CIELCh color **90, 90.380, 134.738** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **62, 92.331, 320.932**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 58.841, 131.551**, and **70, 90.275, 134.717** is the 20% darker color. If you saturate the color by 10%, you get **89, 101.216, 134.288**, and if you desaturate by 10%, it is **91, 77.801, 135.351**.

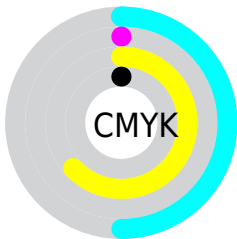
Distribution



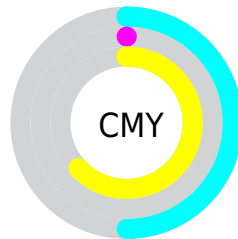
- Red (50%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (86%)



- Cyan (50%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 90.380, 134.738 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 90, 90.380, 134.738 by changing the saturation by 10% instead.


 90, 90.380,
134.738


 90, 90.380,
134.738


 100, 90.380,
134.738


 80, 90.380,
134.738

 70, 90.380,
134.738

 60, 90.380,
134.738


 50, 90.380,
134.738

 40, 90.380,
134.738


 30, 90.380,
134.738


 20, 90.380,


134.738


 10, 90.380,
134.738


 0, 90.380, 134.738


 90, 90.380,
134.738


 90, 90.380,
134.738

 89, 101.216,
134.288


 91, 77.801,
135.351

 89, 109.649,
134.131

 92, 64.061,
136.020

 88, 115.170,
134.377

 94, 49.611,
136.680

 88, 117.384,
134.703

 95, 34.789,
137.296

■ 97, 19.840,
137.853

■ 99, 4.942, 138.376

100, 0.528,
323.874

Harmonies

Complementary

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



90, 90.380, 134.738



62, 92.331, 320.932

Rectangle

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



90, 90.380, 134.738



90, 90.380, 184.738



90, 90.380, 314.738



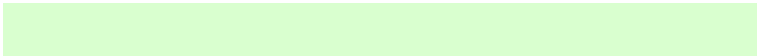
90, 90.380, 4.738

Sweetspot

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



90, 90.381, 134.739



96, 28.369, 137.545



88, 64.630, 91.510



51, 19.534, 137.382



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 90.381, 134.739



89, 103.983, 134.212



89, 78.656, 146.923



52, 8.457, 138.052



68, 94.580, 134.539



23, 42.154, 133.781

Inverse Universe

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



62, 92.331, 320.932



57, 105.810, 321.003



65, 77.832, 338.782



50, 8.507, 318.876



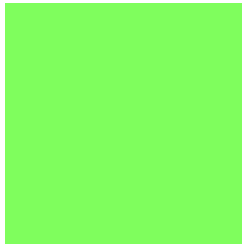
38, 95.022, 320.294



9, 43.553, 321.188

Previews

White Background



This preview shows how the CIE LCh color 90, 90.380, 134.738 looks on a white background.

Color Contrast Check

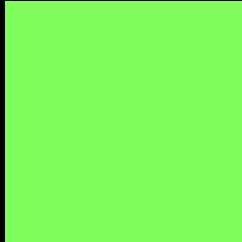
Large Text (above 18pt) WCAG AA × Fail

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 90, 90.380, 134.738 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

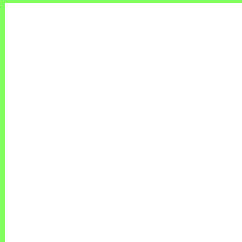
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 90.380, 134.738

Background



This preview shows how black text looks on a background with the CIELCh color 90, 90.380, 134.738.

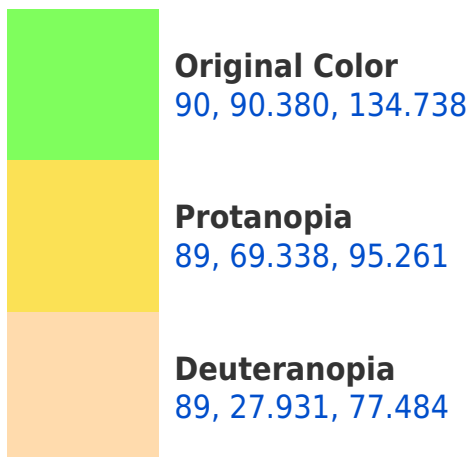


This preview shows how white text looks on a background with the CIELCh color 90, 90.380, 134.738.

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](#).

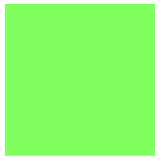
Dichromacy



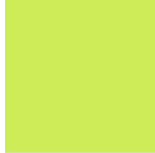


Tritanopia
90, 24.164, 221.061

Trichromacy



Original Color
90, 90.380, 134.738



Protanomaly
89, 72.551, 114.177

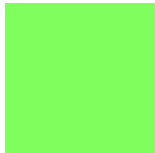


Deuteranomaly
89, 45.641, 117.998

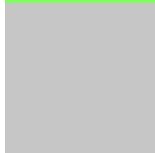


Tritanomaly
89, 40.084, 159.364

Monochromacy



Original Color
90, 90.380, 134.738



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 35.049, 137.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 90.380, 134.738 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(127, 254, 93)` looks like.

```
.text, #text, p{  
    color:rgb(127, 254, 93)  
}
```

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(127, 254, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 254, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 90.380, 134.738 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(127, 254, 93) }
```

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

```
.border{ border-color:rgb(127, 254, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 254, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 254, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 254, 93);  
box-shadow:4px 4px 4px 4px rgb(127, 254,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 90.380, 134.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 254, 93) }
```

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

```
.background{ background-color: rgb(127,  
254, 93) }
```

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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