

Converting Colors

CIELCh(91, 81.384, 133.924)

Have a look what the booklet for
CIELCh(91, 81.384, 133.924)
contains.

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Color

CIELCh(91, 81.037, 133.980)

Conversions

Conversions Part 1

Format	Color
Hex	93FE6E
RGB	147, 254, 110
RGB Percent	58%, 100%, 43%
CMY	0.4221, 0.0025, 0.5673
CMYK	0.42, 0.00, 0.57, 0.00
HSL	105°, 99%, 72%
HSV	105°, 57%, 100%
XYZ	50.4873, 78.4833, 27.3362
YIQ	205.5910, -17.5480, -67.4680

Conversions

Conversions Part 2

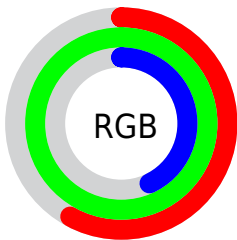
Format	Color
RYB	110, 254, 217
Decimal	9698926
CIELab	91.00, -56.27, 58.31
CIELCh	91, 81.037, 133.980
Yxy	78.4833, 0.3230, 0.5021
Android (android.graphics.Color)	4287889006 (0xFF93FE6E)
YUV	205.5910, -47.1264, -51.3843
Hunter-Lab	88.5908, -53.3081, 43.7186

Details

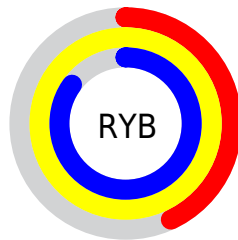
The CIELCh color **91, 81.037, 133.980** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **64, 83.568, 319.365**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 48.940, 128.959**, and **71, 80.835, 134.040** is the 20% darker color. If you saturate the color by 10%, you get **90, 93.040, 133.502**, and if you desaturate by 10%, it is **92, 67.754, 134.566**.

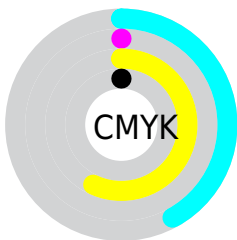
Distribution



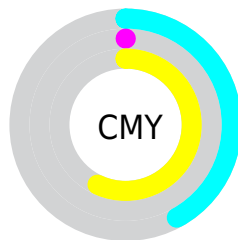
- Red (58%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 81.037, 133.980 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 91, 81.037, 133.980 by changing the saturation by 10% instead.

■ 91, 81.037,
133.980

■ 91, 81.037,
133.980

■ 100, 81.037,
133.980

■ 81, 81.037,
133.980

■ 71, 81.037,
133.980

■ 61, 81.037,
133.980


■ 51, 81.037,
133.980

■ 41, 81.037,
133.980


■ 31, 81.037,
133.980


■ 21, 81.037,


133.980

 11, 81.037,
133.980


 1, 81.037, 133.980


 91, 81.037,
133.980


 91, 81.037,
133.980


 90, 93.040,
133.502


 92, 67.754,
134.566


 89, 103.151,
133.246

 93, 53.668,
135.177

 89, 110.735,
133.347

 95, 39.134,
135.766

 88, 115.415,
133.881

 97, 24.409,
136.312

■ 88, 116.534,
134.094

■ 98, 9.679, 136.812
100, 0.403,
323.687

Harmonies

Complementary

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



91, 81.037, 133.980



64, 83.568, 319.365

Rectangle

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



91, 81.037, 133.980



91, 81.037, 183.980



91, 81.037, 313.980



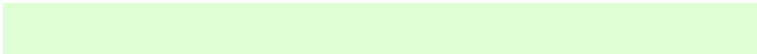
91, 81.037, 3.980

Sweetspot

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



91, 81.038, 133.981



97, 25.018, 136.292



88, 56.240, 88.759



51, 16.742, 136.186



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 81.038, 133.981



90, 94.749, 133.450



90, 74.207, 146.195



52, 8.342, 136.671



68, 93.810, 133.902



23, 41.742, 132.959

Inverse Universe

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



64, 83.568, 319.365



59, 97.807, 319.565



68, 73.730, 335.817



50, 8.401, 317.469



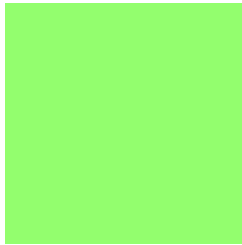
37, 95.727, 318.736



9, 43.816, 319.780

Previews

White Background



This preview shows how the CIE LCh color 91, 81.037, 133.980 looks on a white background.

Color Contrast Check

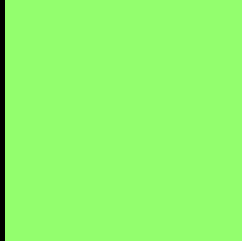
Large Text (above 18pt) WCAG AA × Fail

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 91, 81.037, 133.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

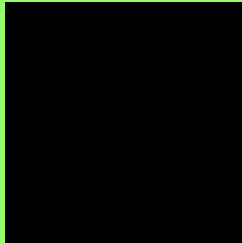
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

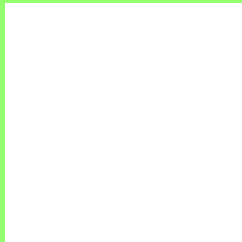
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 81.037, 133.980

Background



This preview shows how black text looks on a background with the CIELCh color 91, 81.037, 133.980.

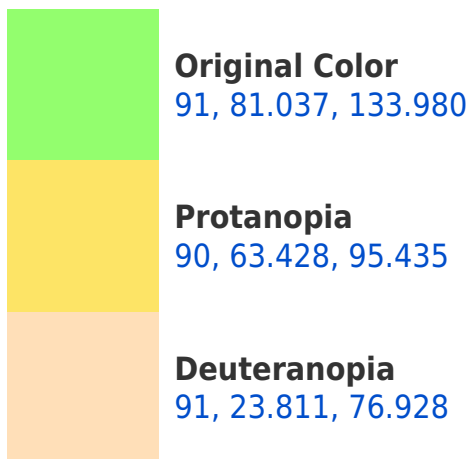


This preview shows how white text looks on a background with the CIELCh color 91, 81.037, 133.980.

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



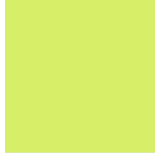


Tritanopia
91, 20.196, 224.419

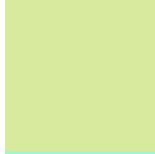
Trichromacy



Original Color
91, 81.037, 133.980



Protanomaly
90, 65.945, 113.109

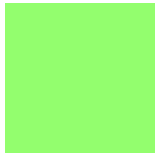


Deuteranomaly
90, 39.874, 117.152

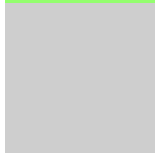


Tritanomaly
90, 34.443, 158.076

Monochromacy



Original Color
91, 81.037, 133.980



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 31.309, 135.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 81.037, 133.980 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(147, 254, 110)` looks like.

```
.text, #text, p{  
    color:rgb(147, 254, 110)  
}
```

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(147, 254, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 254, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 81.037, 133.980 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(147, 254, 110) }
```

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

```
.border{ border-color:rgb(147, 254, 110) }
```

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

Here you see how a box with a 4 pixel rgb(147, 254, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 254, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 254, 110);  
box-shadow:4px 4px 4px 4px rgb(147, 254,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 81.037, 133.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 254, 110) }
```

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

```
.background{ background-color: rgb(147,  
254, 110) }
```

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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