

Converting Colors

CIELCh(91, 81.703, 134.575)

Have a look what the booklet for
CIELCh(91, 81.703, 134.575)
contains.

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Color

CIELCh(91, 81.670, 134.704)

Conversions

Conversions Part 1

Format	Color
Hex	90FF6F
RGB	144, 255, 111
RGB Percent	56%, 100%, 44%
CMY	0.4359, 0.0006, 0.5652
CMYK	0.44, 0.00, 0.56, 0.00
HSL	106°, 100%, 72%
HSV	106°, 56%, 100%
XYZ	50.0481, 78.4833, 27.5093
YIQ	205.3950, -19.9320, -68.3160

Conversions

Conversions Part 2

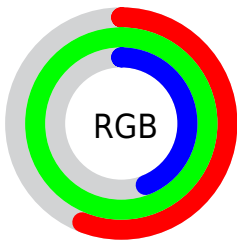
Format	Color
RYB	111, 255, 222
Decimal	9502575
CIELab	91.00, -57.45, 58.05
CIELCh	91, 81.670, 134.704
Yxy	78.4833, 0.3207, 0.5030
Android (android.graphics.Color)	4287692655 (0xFF90FF6F)
YUV	205.3950, -46.5367, -53.8434
Hunter-Lab	88.5908, -54.1930, 43.6028

Details

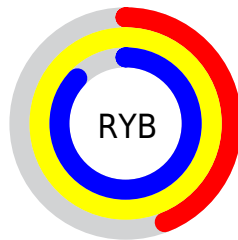
The CIELCh color **91, 81.670, 134.704** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **65, 83.754, 320.231**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 48.943, 130.330**, and **71, 81.451, 134.659** is the 20% darker color. If you saturate the color by 10%, you get **90, 93.764, 134.168**, and if you desaturate by 10%, it is **92, 68.266, 135.335**.

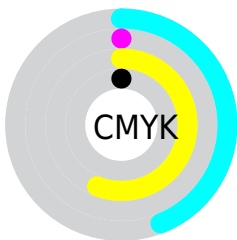
Distribution



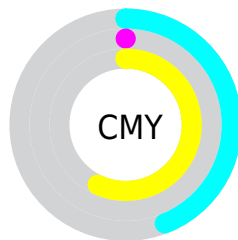
- Red (56%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 81.670, 134.704 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, 81.670, 134.704 by changing the saturation by 10% instead.


 91, 81.670,
134.704


 91, 81.670,
134.704


 100, 81.670,
134.704


 81, 81.670,
134.704


 71, 81.670,
134.704

 61, 81.670,
134.704


 51, 81.670,
134.704

 41, 81.670,
134.704


 31, 81.670,
134.704


 21, 81.670,


134.704


 11, 81.670,
134.704


 1, 81.670, 134.704


 91, 81.670,
134.704


 91, 81.670,
134.704


 90, 93.764,
134.168


 92, 68.266,
135.335


 89, 103.931,
133.841

 93, 54.038,
135.980

 89, 111.527,
133.857

 95, 39.352,
136.594

 88, 116.167,
134.296

 97, 24.473,
137.157

■ 88, 117.289,
134.483

■ 99, 9.593, 137.670
100, 0.101,
321.390

Harmonies

Complementary

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



91, 81.670, 134.704



65, 83.754, 320.231

Rectangle

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



91, 81.670, 134.704



91, 81.670, 184.704



91, 81.670, 314.704



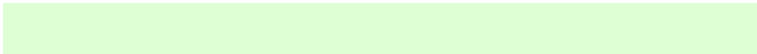
91, 81.670, 4.704

Sweetspot

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



91, 81.671, 134.705



97, 25.231, 137.130



89, 57.595, 91.231



51, 16.885, 137.021



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, 81.671, 134.705



90, 95.473, 134.102



90, 72.320, 147.363



52, 8.412, 137.519



68, 94.296, 134.307



23, 41.999, 133.475

Inverse Universe

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



65, 83.754, 320.231



60, 97.859, 320.434



68, 72.118, 337.305



50, 8.465, 318.332



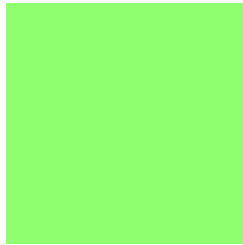
38, 95.286, 319.679



9, 43.651, 320.634

Previews

White Background



This preview shows how the CIE LCh color 91, 81.670, 134.704 looks on a white background.

Color Contrast Check

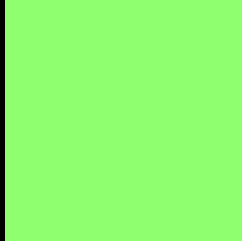
Large Text (above 18pt) WCAG AA × Fail

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, 81.670, 134.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

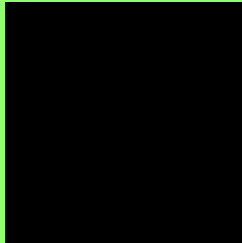
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

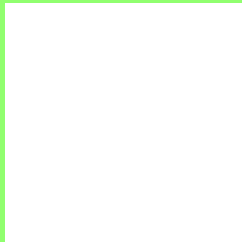
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 81.670, 134.704

Background



This preview shows how black text looks on a background with the CIELCh color 91, 81.670, 134.704.

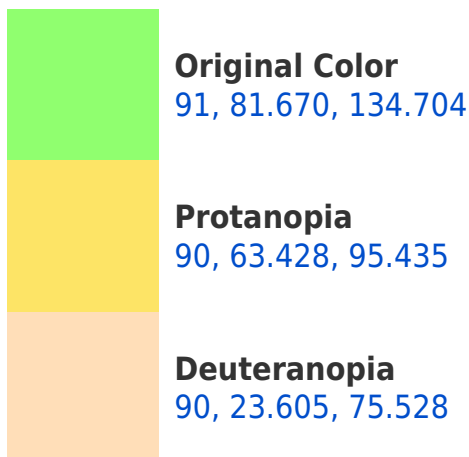



This preview shows how white text looks on a background with the CIELCh color 91, 81.670, 134.704.

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



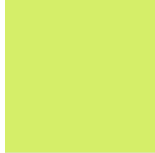


Tritanopia
91, 20.455, 224.051

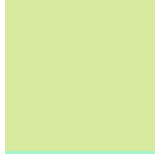
Trichromacy



Original Color
91, 81.670, 134.704



Protanomaly
90, 66.076, 113.796

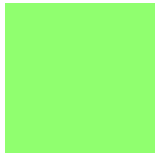


Deuteranomaly
90, 39.950, 117.694

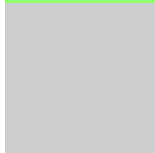


Tritanomaly
90, 34.577, 159.309

Monochromacy



Original Color
91, 81.670, 134.704



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 31.059, 136.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 81.670, 134.704 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(144, 255, 111)` looks like.

```
.text, #text, p{  
    color:rgb(144, 255, 111)  
}
```

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(144, 255, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 255, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 81.670, 134.704 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(144, 255, 111) }
```

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

```
.border{ border-color:rgb(144, 255, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 255, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 255, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 255, 111);  
box-shadow:4px 4px 4px 4px rgb(144, 255,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 81.670, 134.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 255, 111) }
```

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

```
.background{ background-color: rgb(144,  
255, 111) }
```

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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