

Converting Colors

CIELCh(91, 84.892, 134.083)

Have a look what the booklet for
CIELCh(91, 84.892, 134.083)
contains.

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Color

CIELCh(91, 84.760, 134.148)

Conversions

Conversions Part 1

Format	Color
Hex	8DFF68
RGB	141, 255, 104
RGB Percent	55%, 100%, 41%
CMY	0.4455, 0.0000, 0.5907
CMYK	0.45, 0.00, 0.59, 0.00
HSL	105°, 100%, 70%
HSV	105°, 59%, 100%
XYZ	49.4605, 78.4833, 25.7394
YIQ	203.7000, -19.4730, -71.1290

Conversions

Conversions Part 2

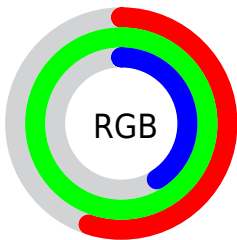
Format	Color
RYB	104, 255, 218
Decimal	9305960
CIELab	91.00, -59.04, 60.82
CIElCh	91, 84.760, 134.148
Yxy	78.4833, 0.3218, 0.5107
Android (android.graphics.Color)	4287496040 (0xFF8DFF68)
YUV	203.7000, -49.1521, -54.9879
Hunter-Lab	88.5908, -55.3769, 44.7873

Details

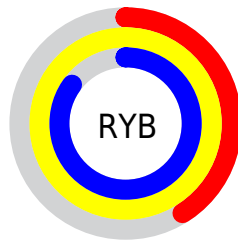
The CIELCh color **91, 84.760, 134.148** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **63, 87.029, 319.773**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 52.388, 129.462**, and **71, 84.673, 134.060** is the 20% darker color. If you saturate the color by 10%, you get **90, 96.195, 133.676**, and if you desaturate by 10%, it is **92, 71.475, 134.722**.

Distribution



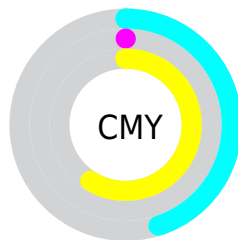
- Red (55%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (85%)



- Cyan (45%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)




- Cyan (45%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 84.760, 134.148 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, 84.760, 134.148 by changing the saturation by 10% instead.

 91, 84.760,
134.148


 91, 84.760,
134.148

 100, 84.760,
134.148


 81, 84.760,
134.148


 71, 84.760,
134.148

 61, 84.760,
134.148


 51, 84.760,
134.148

 41, 84.760,
134.148


 31, 84.760,
134.148


 21, 84.760,


134.148


 11, 84.760,
134.148


 1, 84.760, 134.148


 91, 84.760,
134.148


 91, 84.760,
134.148


 90, 96.195,
133.676


 92, 71.475,
134.722


 89, 105.764,
133.469

 93, 57.477,
135.347

 89, 112.649,
133.641

 95, 42.947,
135.955

 88, 116.697,
134.206

 96, 28.168,
136.520

■ 88, 116.998,
134.257

■ 98, 13.344,
137.035

100, 0.012,
296.813

Harmonies

Complementary

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



91, 84.760, 134.148



63, 87.029, 319.773

Rectangle

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



91, 84.760, 134.148



91, 84.760, 184.148



91, 84.760, 314.148



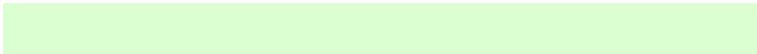
91, 84.760, 4.148

Sweetspot

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



91, 84.554, 134.136



97, 26.587, 136.577



88, 59.364, 89.666



51, 18.485, 136.420



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, 84.554, 134.136



90, 98.228, 133.612



90, 76.202, 146.407



52, 8.370, 137.013



68, 94.011, 134.071



23, 41.847, 133.171

Inverse Universe

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



63, 87.029, 319.773



58, 101.059, 319.928



67, 75.599, 336.776



50, 8.427, 317.817



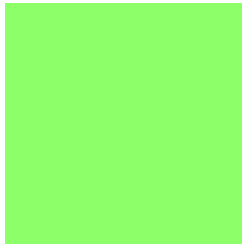
37, 95.546, 319.111



9, 43.748, 320.120

Previews

White Background



This preview shows how the CIE LCh color 91, 84.760, 134.148 looks on a white background.

Color Contrast Check

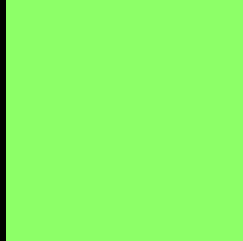
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 84.760, 134.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

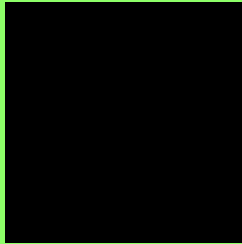
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

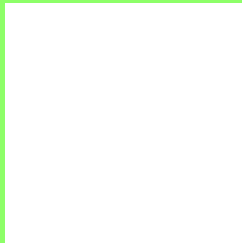
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 84.760, 134.148

Background



This preview shows how black text looks on a background with the CIELCh color 91, 84.760, 134.148.

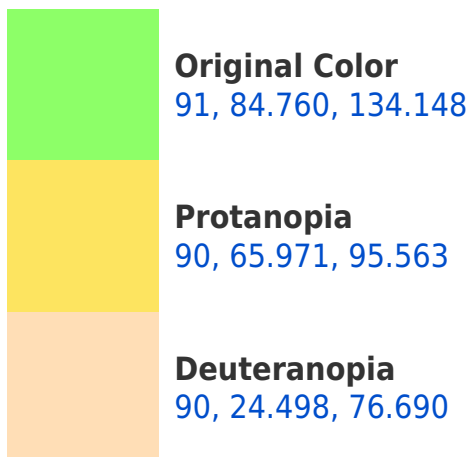


This preview shows how white text looks on a background with the CIELCh color 91, 84.760, 134.148.

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



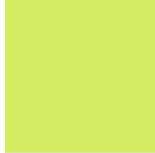


Tritanopia
91, 20.972, 223.346

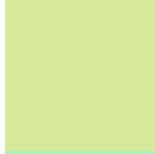
Trichromacy



Original Color
91, 84.760, 134.148



Protanomaly
90, 68.647, 113.633



Deuteranomaly
90, 41.486, 117.749

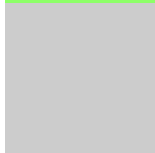


Tritanomaly
90, 36.133, 158.020

Monochromacy



Original Color
91, 84.760, 134.148



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 32.796, 136.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 84.760, 134.148 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(141, 255, 104)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 104)  
}
```

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(141, 255, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 84.760, 134.148 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(141, 255, 104) }
```

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

```
.border{ border-color:rgb(141, 255, 104) }
```

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

Here you see how a box with a 4 pixel rgb(141, 255, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 84.760, 134.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 104) }
```

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

```
.background{ background-color: rgb(141,  
255, 104) }
```

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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