

Converting Colors

CIELCh(94, 67.846, 135.127)

Have a look what the booklet for
CIELCh(94, 67.846, 135.127)
contains.

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Color

CIELCh(93, 64.872, 134.964)

Conversions

Conversions Part 1

Format	Color
Hex	ABFF8F
RGB	171, 255, 143
RGB Percent	67%, 100%, 56%
CMY	0.3287, 0.0000, 0.4387
CMYK	0.33, 0.00, 0.44, 0.00
HSL	105°, 100%, 78%
HSV	105°, 44%, 100%
XYZ	57.9535, 82.9670, 38.9958
YIQ	217.1160, -14.1120, -52.6400

Conversions

Conversions Part 2

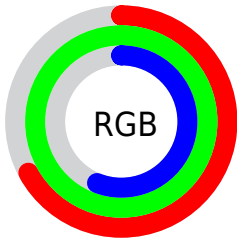
Format	Color
RYB	143, 255, 227
Decimal	11272079
CIELab	93.00, -45.84, 45.90
CIELCh	93, 64.872, 134.964
Yxy	82.9670, 0.3221, 0.4611
Android (android.graphics.Color)	4289462159 (0xFFABFF8F)
YUV	217.1160, -36.5392, -40.4437
Hunter-Lab	91.0862, -45.8305, 38.3772

Details

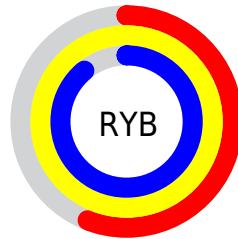
The CIELCh color **93, 64.872, 134.964** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 65.837, 319.147**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 30.452, 126.453**, and **73, 64.521, 134.811** is the 20% darker color. If you saturate the color by 10%, you get **91, 77.788, 134.299**, and if you desaturate by 10%, it is **94, 49.899, 135.522**.

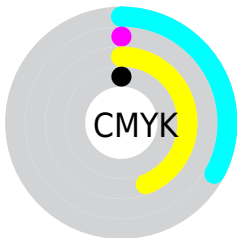
Distribution



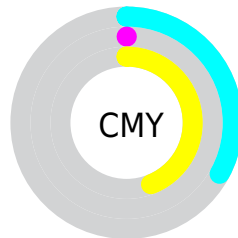
- Red (67%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (89%)



- Cyan (33%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 64.872, 134.964 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 93, 64.872, 134.964 by changing the saturation by 10% instead.

■ 93, 64.872,
134.964

■ 93, 64.872,
134.964

■ 100, 64.872,
134.964

■ 83, 64.872,
134.964

■ 73, 64.872,
134.964

■ 63, 64.872,
134.964


■ 53, 64.872,
134.964

■ 43, 64.872,
134.964

■ 33, 64.872,
134.964


■ 23, 64.872,


134.964

 13, 64.872,
134.964


 3, 64.872, 134.964


 93, 64.872,
134.964


 93, 64.872,
134.964

 91, 77.788,
134.299


 94, 49.899,
135.522

 90, 90.237,
133.770

 96, 35.233,
136.106

 90, 100.961,
133.425

 97, 20.432,
136.641

 89, 109.307,
133.400

 99, 5.668, 137.143

100, 0.012,

■ 88,114.784,
133.797

296.813

■ 88,116.891,
134.186

Harmonies

Complementary

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



93, 64.872, 134.964



72, 65.837, 319.147

Rectangle

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



93, 64.872, 134.964



93, 64.872, 184.964



93, 64.872, 314.964



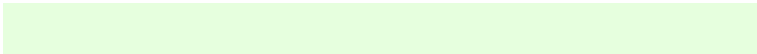
93, 64.872, 4.964

Sweetspot

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



93, 64.193, 134.907



97, 19.142, 136.686



90, 43.799, 90.510



52, 13.405, 136.573



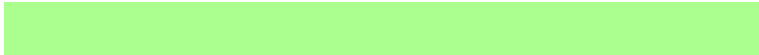
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

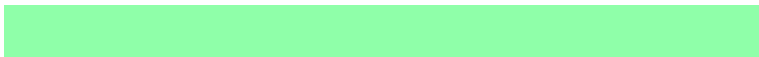
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 64.193, 134.907



92, 76.642, 134.350



92, 58.775, 147.860



52, 8.358, 136.860



68, 93.922, 133.997



23, 41.800, 133.077

Inverse Universe

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



72, 65.837, 319.147



67, 78.867, 319.457



74, 58.981, 334.787



50, 8.415, 317.661



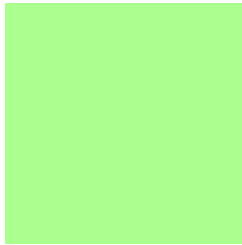
37, 95.626, 318.942



9, 43.778, 319.967

Previews

White Background



This preview shows how the CIE LCh color 93, 64.872, 134.964 looks on a white background.

Color Contrast Check

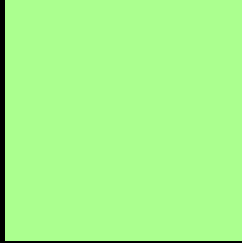
Large Text (above 18pt) WCAG AA × Fail

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 93, 64.872, 134.964 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 93, 64.872, 134.964

Background



This preview shows how black text looks on a background with the CIELCh color 93, 64.872, 134.964.

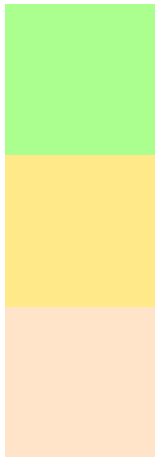


This preview shows how white text looks on a background with the CIELCh color 93, 64.872, 134.964.

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](#).

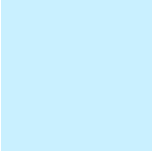
Dichromacy



Original Color
93, 64.280, 134.927

Protanopia
92, 49.393, 95.720

Deuteranopia
92, 16.908, 71.811

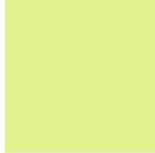


Tritanopia
93, 14.779, 230.504

Trichromacy



Original Color
93, 64.280, 134.927



Protanomaly
92, 51.531, 113.211

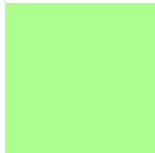


Deuteranomaly
92, 29.559, 117.500

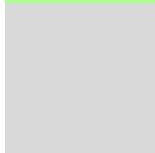


Tritanomaly
92, 25.233, 158.457

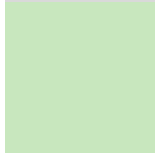
Monochromacy



Original Color
93, 64.280, 134.927



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 24.208, 136.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 64.872, 134.964 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(171, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 143)  
}
```

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(171, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 64.872, 134.964 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(171, 255, 143) }
```

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

```
.border{ border-color:rgb(171, 255, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 255, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 255, 143); box-shadow:4px 4px 4px 4px rgb(171, 255, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 64.872, 134.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 255, 143) }
```

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

```
.background{ background-color: rgb(171,  
255, 143) }
```

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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