

Converting Colors

CIELCh(93, 54.542, 127.690)

Have a look what the booklet for
CIELCh(93, 54.542, 127.690)
contains.

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Color

CIElCh(93, 55.055, 127.840)

Conversions

Conversions Part 1

Format	Color
Hex	C6FB95
RGB	198, 251, 149
RGB Percent	78%, 98%, 58%
CMY	0.2245, 0.0167, 0.4166
CMYK	0.21, 0.00, 0.41, 0.02
HSL	91°, 92%, 78%
HSV	91°, 41%, 98%
XYZ	63.0446, 82.9670, 41.0248
YIQ	223.5250, 1.1540, -42.9580

Conversions

Conversions Part 2

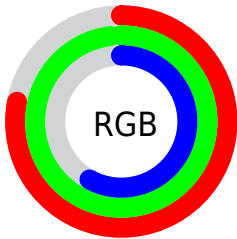
Format	Color
RYB	149, 251, 202
Decimal	13040533
CIELab	93.00, -33.77, 43.48
CIELCh	93, 55.055, 127.840
Yxy	82.9670, 0.3371, 0.4436
Android (android.graphics.Color)	4291230613 (0xFFC6FB95)
YUV	223.5250, -36.7408, -22.3854
Hunter-Lab	91.0862, -35.8535, 37.0564

Details

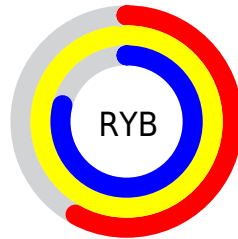
The CIELCh color **93, 55.055, 127.840** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **70, 58.256, 311.758**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 25.735, 108.225**, and **73, 55.141, 127.824** is the 20% darker color. If you saturate the color by 10%, you get **92, 67.829, 127.408**, and if you desaturate by 10%, it is **94, 41.772, 128.324**.

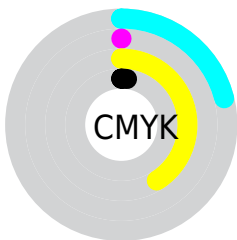
Distribution



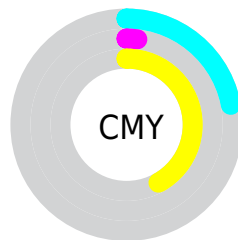
- Red (78%)
- Green (98%)
- Blue (58%)



- Red (58%)
- Yellow (98%)
- Blue (79%)



- Cyan (21%)
- Magenta (0%)
- Yellow (41%)
- Black (2%)



- Cyan (22%)
- Magenta (2%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 55.055, 127.840 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, 55.055, 127.840 by changing the saturation by 10% instead.

■ 93, 55.055,
127.840

■ 93, 55.055,
127.840

■ 100, 55.055,
127.840

■ 83, 55.055,
127.840

■ 73, 55.055,
127.840

■ 63, 55.055,
127.840

■ 53, 55.055,
127.840

■ 43, 55.055,
127.840

■ 33, 55.055,
127.840

■ 23, 55.055,

127.840

■ 13, 55.055,
127.840

■ 3, 55.055, 127.840

■ 93, 55.055,
127.840

■ 93, 55.055,
127.840

■ 92, 67.829,
127.408

■ 94, 41.772,
128.324

■ 91, 79.741,
127.090

■ 95, 28.216,
128.814

■ 90, 90.312,
126.987

■ 97, 14.555,
129.292

■ 89, 98.950,
127.226

■ 98, 0.904, 129.888

■ 99, 2.649, 324.417

■ 89,105.123,
127.931

■ 88,108.725,
128.986

Harmonies

Complementary

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



93, 55.055, 127.840



70, 58.256, 311.758

Rectangle

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



93, 55.055, 127.840



93, 55.055, 177.840



93, 55.055, 307.840



93, 55.055, 357.840

Sweetspot

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



93, 55.057, 127.841



98, 16.595, 129.229



84, 34.631, 71.976



52, 11.010, 129.167



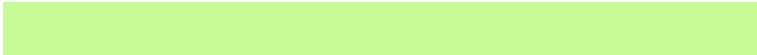
0, 0.000, 0.000



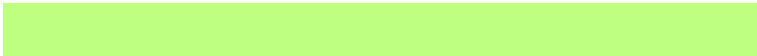
53, 0.007, 296.813

Same Dimension

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



93, 55.057, 127.841



93, 66.640, 127.473



91, 62.876, 141.727



52, 7.729, 129.347



68, 87.562, 128.704



22, 38.038, 127.305

Inverse Universe

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



70, 58.256, 311.758



66, 71.435, 312.189



75, 62.726, 327.099



48, 7.832, 310.163



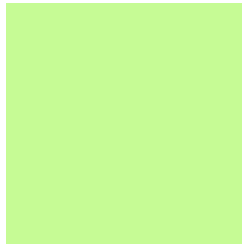
30, 99.101, 312.337



6, 43.257, 313.256

Previews

White Background



This preview shows how the CIELCh color 93, 55.055, 127.840 looks on a white background.

Color Contrast Check

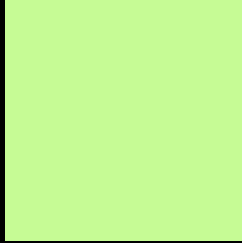
Large Text (above 18pt) WCAG AA × Fail

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, 55.055, 127.840 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, 55.055, 127.840

Background



This preview shows how black text looks on a background with the CIELCh color 93, 55.055, 127.840.

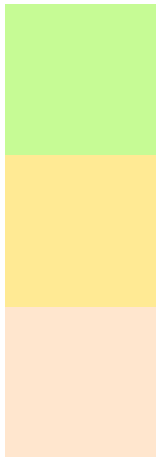


This preview shows how white text looks on a background with the CIELCh color 93, 55.055, 127.840.

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, 55.055, 127.840

Protanopia
93, 44.494, 95.623

Deuteranopia
93, 15.565, 71.921

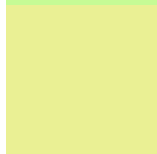


Tritanopia
93, 11.517, 248.915

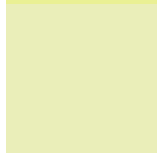
Trichromacy



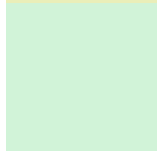
Original Color
93, 55.055, 127.840



Protanomaly
93, 46.415, 109.417



Deuteranomaly
93, 27.124, 111.239

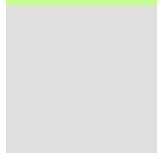


Tritanomaly
93, 18.562, 149.800

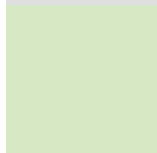
Monochromacy



Original Color
93, 55.055, 127.840



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 20.391, 128.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 55.055, 127.840 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(198, 251, 149)` looks like.

```
.text, #text, p{  
    color:rgb(198, 251, 149)  
}
```

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(198, 251, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 251, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 55.055, 127.840 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(198, 251, 149) }
```

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

```
.border{ border-color:rgb(198, 251, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 251, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 251, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 251, 149); box-shadow:4px 4px 4px 4px rgb(198, 251, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 55.055, 127.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 251, 149) }
```

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

```
.background{ background-color: rgb(198,  
251, 149) }
```

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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