

Converting Colors

CIELCh(94, 67.169, 113.598)

Have a look what the booklet for
CIELCh(94, 67.169, 113.598)
contains.

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Color

CIELCh(94, 67.519, 113.594)

Conversions

Conversions Part 1

Format	Color
Hex	E1FA71
RGB	225, 250, 113
RGB Percent	88%, 98%, 44%
CMY	0.1191, 0.0210, 0.5582
CMYK	0.10, 0.00, 0.55, 0.02
HSL	71°, 93%, 71%
HSV	71°, 55%, 98%
XYZ	67.9643, 85.2715, 28.3964
YIQ	226.9070, 29.0770, -47.9070

Conversions

Conversions Part 2

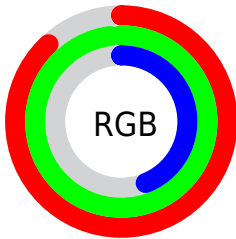
Format	Color
RYB	113, 250, 138
Decimal	14809713
CIELab	94.00, -27.02, 61.87
CIElCh	94, 67.519, 113.594
Yxy	85.2715, 0.3742, 0.4695
Android (android.graphics.Color)	4292999793 (0xFFE1FA71)
YUV	226.9070, -56.1562, -1.6724
Hunter-Lab	92.3426, -30.2232, 46.4075

Details

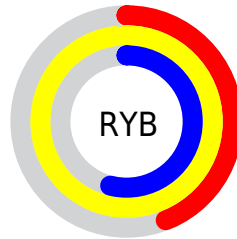
The CIELCh color **94, 67.519, 113.594** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **56, 78.071, 302.971**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 43.504, 106.854**, and **74, 67.663, 113.796** is the 20% darker color. If you saturate the color by 10%, you get **93, 77.760, 113.160**, and if you desaturate by 10%, it is **95, 56.186, 114.178**.

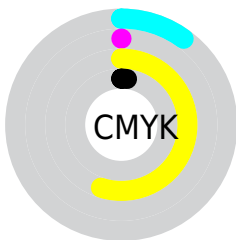
Distribution



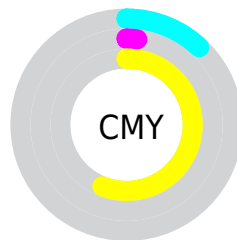
- Red (88%)
- Green (98%)
- Blue (44%)



- Red (44%)
- Yellow (98%)
- Blue (54%)



- Cyan (10%)
- Magenta (0%)
- Yellow (55%)
- Black (2%)



- Cyan (12%)
- Magenta (2%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 67.519, 113.594 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 94, 67.519, 113.594 by changing the saturation by 10% instead.

 94, 67.519,
113.594

 94, 67.519,
113.594

 100, 67.519,
113.594

 84, 67.519,
113.594

 74, 67.519,
113.594

 64, 67.519,
113.594

 54, 67.519,
113.594

 44, 67.519,
113.594

 34, 67.519,
113.594

 24, 67.519,

113.594

■ 14, 67.519,
113.594

■ 4, 67.519, 113.594

■ 94, 67.519,
113.594

■ 94, 67.519,
113.594

■ 93, 77.760,
113.160

■ 95, 56.186,
114.178

■ 93, 86.360,
112.950

■ 95, 44.160,
114.844

■ 93, 92.717,
113.059

■ 96, 31.718,
115.551

■ 92, 96.436,
113.558

■ 97, 19.039,
116.271

92, 97.548,
113.933

98, 6.242, 116.983

98, 2.873, 306.847

99, 3.341, 324.466

Harmonies

Complementary

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



94, 67.519, 113.594



56, 78.071, 302.971

Rectangle

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



94, 67.519, 113.594



94, 67.519, 163.594



94, 67.519, 293.594



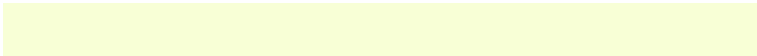
94, 67.519, 343.594

Sweetspot

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



94, 67.520, 113.596



99, 20.832, 116.189



69, 52.009, 37.510



52, 14.055, 116.040



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 67.520, 113.596



95, 80.173, 113.121



90, 75.875, 131.957



52, 7.289, 116.656



72, 78.996, 113.758



24, 34.892, 112.917

Inverse Universe

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



56, 78.071, 302.971



49, 96.591, 304.479



63, 79.433, 316.954



48, 7.445, 298.028



24, 105.338, 307.108



4, 42.519, 304.591

Previews

White Background



This preview shows how the CIELCh color 94, 67.519, 113.594 looks on a white background.

Color Contrast Check

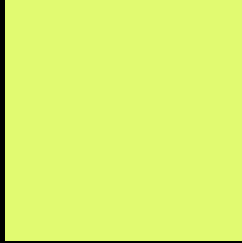
Large Text (above 18pt) WCAG AA × Fail

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 94, 67.519, 113.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

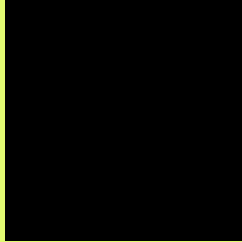
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 67.519, 113.594

Background



This preview shows how black text looks on a background with the CIELCh color 94, 67.519, 113.594.

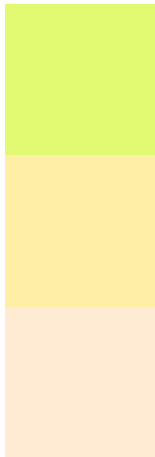


This preview shows how white text looks on a background with the CIELCh color 94, 67.519, 113.594.

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](#).

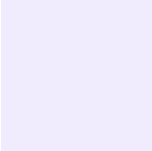
Dichromacy



Original Color
94, 67.519, 113.594

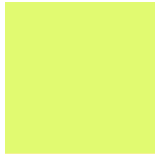
Protanopia
94, 37.237, 96.826

Deuteranopia
94, 14.189, 75.632

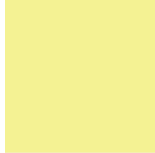


Tritanopia
94, 9.468, 301.396

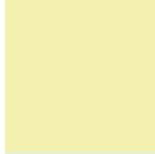
Trichromacy



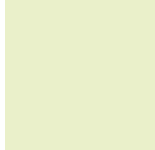
Original Color
94, 67.519, 113.594



Protanomaly
94, 47.741, 105.418



Deuteranomaly
94, 33.089, 104.847

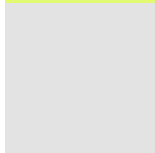


Tritanomaly
93, 19.579, 115.196

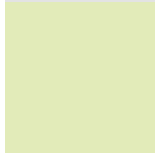
Monochromacy



Original Color
94, 67.519, 113.594



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 25.872, 115.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 67.519, 113.594 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(225, 250, 113)` looks like.

```
.text, #text, p{  
    color:rgb(225, 250, 113)  
}
```

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(225, 250, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 250, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 67.519, 113.594 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(225, 250, 113) }
```

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

```
.border{ border-color:rgb(225, 250, 113) }
```

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

Here you see how a box with a 4 pixel rgb(225, 250, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 250, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 250, 113);  
box-shadow:4px 4px 4px 4px rgb(225, 250,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 67.519, 113.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 250, 113) }
```

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

```
.background{ background-color: rgb(225,  
250, 113) }
```

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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