

Converting Colors

CIELCh(94, 67.761, 111.011)

Have a look what the booklet for
CIELCh(94, 67.761, 111.011)
contains.

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Color

CIELCh(94, 67.589, 111.147)

Conversions

Conversions Part 1

Format	Color
Hex	E6F86E
RGB	230, 248, 110
RGB Percent	90%, 97%, 43%
CMY	0.0971, 0.0265, 0.5677
CMYK	0.07, 0.00, 0.56, 0.03
HSL	68°, 91%, 70%
HSV	68°, 56%, 97%
XYZ	69.1759, 85.2715, 27.6283
YIQ	226.8860, 33.5700, -46.7340

Conversions

Conversions Part 2

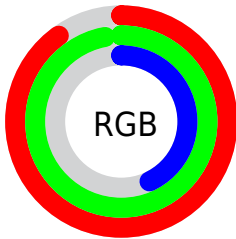
Format	Color
RYB	110, 248, 128
Decimal	15136878
CIELab	94.00, -24.38, 63.04
CIELCh	94, 67.589, 111.147
Yxy	85.2715, 0.3799, 0.4683
Android (android.graphics.Color)	4293326958 (0xFFE6F86E)
YUV	226.8860, -57.6248, 2.7310
Hunter-Lab	92.3426, -27.8812, 46.9006

Details

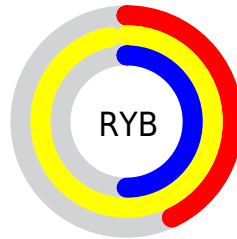
The CIELCh color **94, 67.589, 111.147** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **55, 78.864, 301.766**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 44.955, 106.742**, and **74, 67.822, 111.171** is the 20% darker color. If you saturate the color by 10%, you get **94, 77.584, 110.641**, and if you desaturate by 10%, it is **94, 56.459, 111.796**.

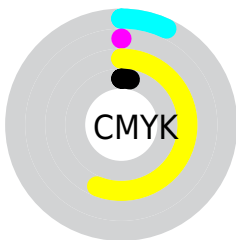
Distribution



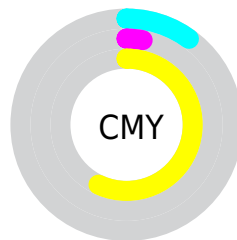
- Red (90%)
- Green (97%)
- Blue (43%)



- Red (43%)
- Yellow (97%)
- Blue (50%)



- Cyan (7%)
- Magenta (0%)
- Yellow (56%)
- Black (3%)




- Cyan (10%)
- Magenta (3%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 67.589, 111.147 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, 67.589, 111.147 by changing the saturation by 10% instead.


 94, 67.589,
111.147


 94, 67.589,
111.147

 100, 67.589,
111.147

 84, 67.589,
111.147

 74, 67.589,
111.147

 64, 67.589,
111.147

 54, 67.589,
111.147

 44, 67.589,
111.147

 34, 67.589,
111.147

 24, 67.589,

111.147

■ 14, 67.589,
111.147

■ 4, 67.589, 111.147

■ 94, 67.589,
111.147

■ 94, 67.589,
111.147

■ 94, 77.584,
110.641

■ 94, 56.459,
111.796

■ 93, 85.886,
110.343


■ 95, 44.607,
112.526

■ 93, 91.895,
110.334

■ 96, 32.318,
113.298

■ 93, 95.247,
110.670

■ 96, 19.778,
114.085

 93, 96.115,
110.898

 97, 7.106, 114.864

 98, 3.501, 298.583

 98, 3.840, 315.462

 98, 4.209, 324.515

Harmonies

Complementary

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



94, 67.589, 111.147



55, 78.864, 301.766

Rectangle

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



94, 67.589, 111.147



94, 67.589, 161.147



94, 67.589, 291.147



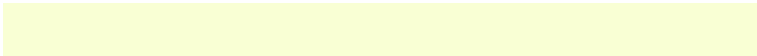
94, 67.589, 341.147

Sweetspot

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



94, 67.590, 111.149



99, 22.021, 113.972



67, 54.351, 33.880



52, 14.719, 113.814



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, 67.590, 111.149



96, 80.575, 110.581



90, 75.312, 130.421



52, 7.256, 114.562



72, 78.192, 110.769



24, 34.630, 110.193

Inverse Universe

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



55, 78.864, 301.766



48, 98.368, 303.574



61, 79.756, 315.438



48, 7.416, 296.076



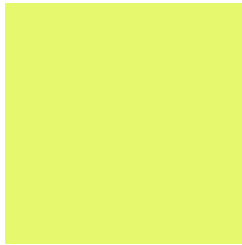
23, 105.896, 306.763



4, 42.389, 303.572

Previews

White Background



This preview shows how the CIELCh color 94, 67.589, 111.147 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, 67.589, 111.147 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, 67.589, 111.147

Background



This preview shows how black text looks on a background with the CIELCh color 94, 67.589, 111.147.

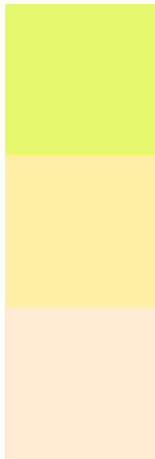


This preview shows how white text looks on a background with the CIELCh color 94, 67.589, 111.147.

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](#).

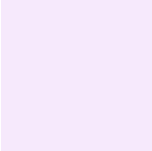
Dichromacy



Original Color
94, 67.589, 111.147

Protanopia
94, 37.237, 96.826

Deuteranopia
94, 14.189, 75.632

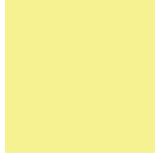


Tritanopia
94, 10.844, 315.528

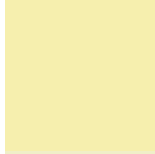
Trichromacy



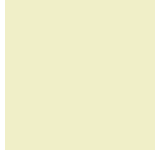
Original Color
94, 67.589, 111.147



Protanomaly
94, 48.243, 104.435



Deuteranomaly
94, 33.190, 102.812

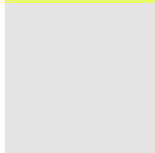


Tritanomaly
94, 19.951, 107.512

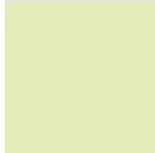
Monochromacy



Original Color
94, 67.589, 111.147



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 25.773, 114.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 67.589, 111.147 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(230, 248, 110)` looks like.

```
.text, #text, p{  
    color:rgb(230, 248, 110)  
}
```

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(230, 248, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 248, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 67.589, 111.147 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(230, 248, 110) }
```

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

```
.border{ border-color:rgb(230, 248, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 248, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 248, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 248, 110);  
box-shadow:4px 4px 4px 4px rgb(230, 248,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 67.589, 111.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 248, 110) }
```

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

```
.background{ background-color: rgb(230,  
248, 110) }
```

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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