

Converting Colors

CIELCh(99, 4.578, 134.826)

Have a look what the booklet for
CIELCh(99, 4.578, 134.826) contains.

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Color

CIELCh(99, 4.593, 137.210)

Conversions

Conversions Part 1

Format	Color
Hex	F8FEF6
RGB	248, 254, 246
RGB Percent	97%, 100%, 96%
CMY	0.0277, 0.0042, 0.0355
CMYK	0.02, 0.00, 0.03, 0.00
HSL	105°, 79%, 98%
HSV	105°, 3%, 100%
XYZ	90.7337, 97.4360, 101.1613
YIQ	251.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

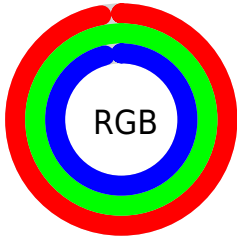
Format	Color
R _Y B	246, 254, 252
Decimal	16318198
CIE Lab	99.00, -3.37, 3.12
CIE LCh	99, 4.593, 137.210
Yxy	97.4360, 0.3136, 0.3368
Android (android.graphics.Color)	4294508278 (0xFF8FEF6)
YUV	251.2940, -2.6099, -2.8888
Hunter-Lab	98.7097, -8.6653, 8.3342

Details

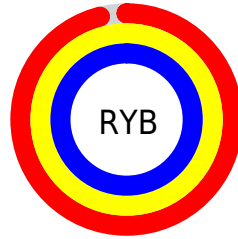
The CIELCh color 99, 4.593, 137.210 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 4.625, 317.384, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 4.175, 136.081 is the 20% darker color. If you saturate the color by 10%, you get 97, 19.306, 136.708, and if you desaturate by 10%, it is 100, 0.667, 324.001.

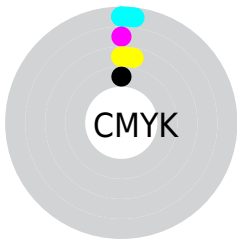
Distribution



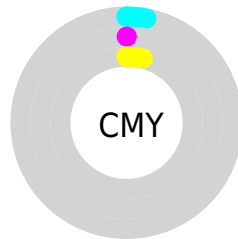
- Red (97%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (99%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.593, 137.210 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 99, 4.593, 137.210 by changing the saturation by 10% instead.

 99, 4.593, 137.210

 99, 4.593, 137.210

 100, 4.593,
137.210

 89, 4.593, 137.210

 79, 4.593, 137.210

 69, 4.593, 137.210

 59, 4.593, 137.210

 49, 4.593, 137.210

 39, 4.593, 137.210

 29, 4.593, 137.210

 19, 4.593, 137.210

 9, 4.593, 137.210

99, 4.593, 137.210

99, 4.593, 137.210

97, 19.306,
136.708

100, 0.667,
324.001

95, 34.064,
136.176

94, 48.702,
135.594


92, 62.990,
134.979

91, 76.607,
134.368

90, 89.118,
133.828

89, 99.955,
133.464

89, 108.468,
133.408

 88, 114.143,
133.769

Harmonies

Complementary

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



99, 4.593, 137.210



98, 4.625, 317.384

Rectangle

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



99, 4.593, 137.210



99, 4.593, 187.210



99, 4.593, 317.210



99, 4.593, 7.210

Sweetspot

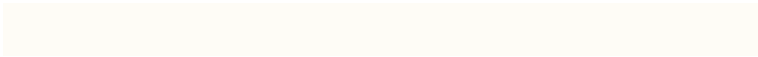
The Sweet Spot groups the original color and five complimentary colors.



99, 4.596, 137.215



100, 1.454, 137.418



99, 3.113, 96.790



53, 0.826, 137.428



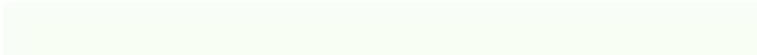
0, 0.000, 0.000



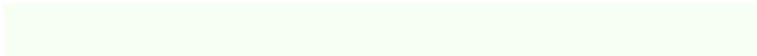
53, 0.007, 296.813

Same Dimension

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



99, 4.596, 137.215



99, 5.858, 137.167



99, 4.163, 152.226



53, 4.166, 137.127



68, 93.939, 134.011



23, 41.810, 133.096

Inverse Universe

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



98, 4.625, 317.384



97, 5.893, 317.431



98, 4.185, 332.452



51, 4.190, 317.469



37, 95.610, 318.976



9, 43.772, 319.997

Previews

White Background



This preview shows how the CIE LCh color 99, 4.593, 137.210 looks on a white background.

Color Contrast Check

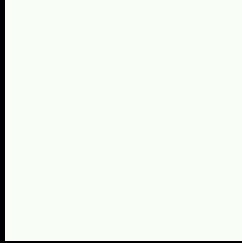
Large Text (above 18pt) WCAG AA × Fail

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 99, 4.593, 137.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

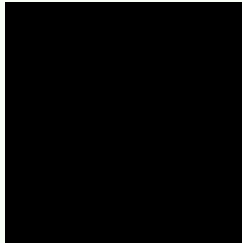
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.593, 137.210

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.593, 137.210.

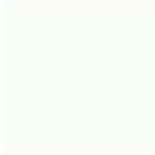


This preview shows how white text looks on a background with the CIELCh color 99, 4.593, 137.210.

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
99, 4.593, 137.210



Protanopia
99, 2.059, 66.765

Deuteranopia
99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color
99, 4.593, 137.210

Protanomaly
99, 2.530, 109.957

Deuteranomaly
99, 1.005, 110.026

Tritanomaly
99, 0.862, 164.148

Monochromacy

Original Color
99, 4.593, 137.210

Achromatopsia
99, 0.012, 296.813

Achromatomaly
99, 1.677, 134.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.593, 137.210 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(248, 254, 246)` looks like.

```
.text, #text, p{  
    color:rgb(248, 254, 246)  
}
```

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(248, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 254, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.593, 137.210 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(248, 254, 246) }
```

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

```
.border{ border-color:rgb(248, 254, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 254, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 254,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.593, 137.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 254, 246) }
```

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

```
.background{ background-color: rgb(248,  
254, 246) }
```

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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