

Converting Colors

CIELCh(100, 18.229, 127.222)

Have a look what the booklet for
CIELCh(100, 18.229, 127.222)
contains.

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Color

CIElCh(99, 15.161, 122.869)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFE3
RGB	246, 255, 227
RGB Percent	96%, 100%, 89%
CMY	0.0347, 0.0000, 0.1093
CMYK	0.03, 0.00, 0.11, 0.00
HSL	79°, 100%, 95%
HSV	79°, 11%, 100%
XYZ	88.0743, 97.4360, 86.9353
YIQ	249.1170, 3.6240, -10.6160

Conversions

Conversions Part 2

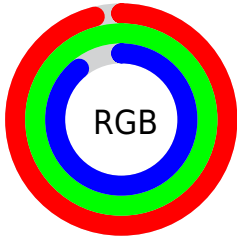
Format	Color
RYB	227, 255, 236
Decimal	16187363
CIELab	99.00, -8.23, 12.73
CIElCh	99, 15.161, 122.869
Yxy	97.4360, 0.3233, 0.3576
Android (android.graphics.Color)	4294377443 (0xFFFF6FFE3)
YUV	249.1170, -10.9037, -2.7336
Hunter-Lab	98.7097, -13.4742, 16.8791

Details

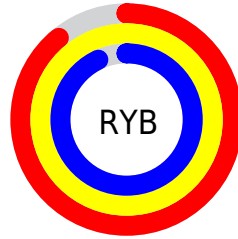
The CIELCh color **99, 15.161, 122.869** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 14.808, 303.096**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 14.166, 121.355** is the 20% darker color. If you saturate the color by 10%, you get **98, 27.725, 121.269**, and if you desaturate by 10%, it is **100, 1.219, 122.460**.

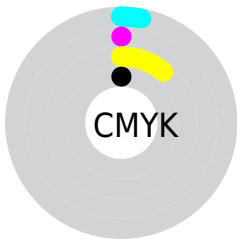
Distribution



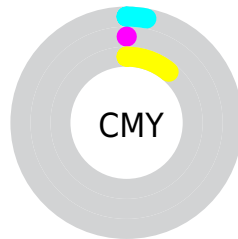
- Red (96%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 15.161, 122.869 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, 15.161, 122.869 by changing the saturation by 10% instead.


 99, 15.161,
122.869


 99, 15.161,
122.869


 100, 15.161,
122.869


 89, 15.161,
122.869

 79, 15.161,
122.869

 69, 15.161,
122.869

 59, 15.161,
122.869

 49, 15.161,
122.869

 39, 15.161,
122.869

 29, 15.161,

122.869

■ 19, 15.161,
122.869

■ 9, 15.161, 122.869

■ 99, 15.161,
122.869

■ 99, 15.161,
122.869

■ 98, 27.725,
121.269

■ 100, 1.219,
122.460

■ 97, 40.789,
120.690

■ 100, 0.012,
296.813

■ 96, 53.534,
120.138

■ 95, 65.723,
119.655

■ 94, 77.009,
119.304

■ 93, 86.899,
119.175

■ 93, 94.792,
119.382

■ 92, 100.165,
120.036

■ 92, 102.968,
121.008

Harmonies

Complementary

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



99, 15.161, 122.869



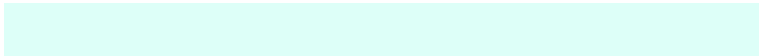
92, 14.808, 303.096

Rectangle

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



99, 15.161, 122.869



99, 15.161, 172.869



99, 15.161, 302.869



99, 15.161, 352.869

Sweetspot

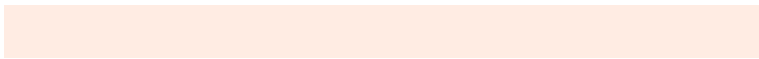
The Sweet Spot groups the original color and five complimentary colors.



99, 14.500, 121.850



100, 3.973, 122.308



95, 8.273, 52.765



53, 3.014, 122.260



0, 0.000, 0.000



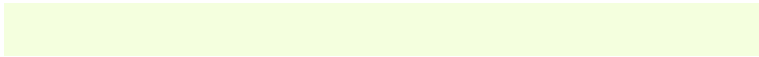
53, 0.007, 296.813

Same Dimension

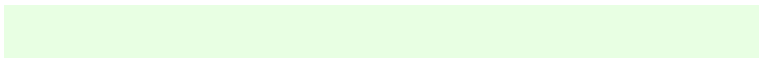
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 14.500, 121.850



98, 17.249, 121.730



98, 16.406, 138.799



53, 7.544, 121.931



71, 82.791, 120.749



24, 37.137, 119.332

Inverse Universe

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



92, 14.808, 303.096



90, 17.681, 303.229



93, 16.498, 319.786



49, 7.686, 303.006



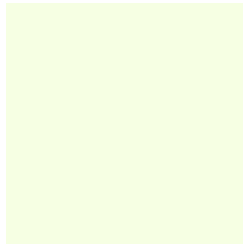
26, 104.305, 308.538



5, 44.784, 308.123

Previews

White Background



This preview shows how the CIE LCh color 99, 15.161, 122.869 looks on a white background.

Color Contrast Check

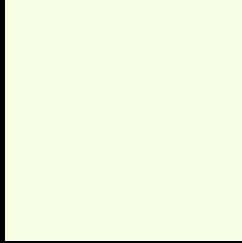
Large Text (above 18pt) WCAG AA × Fail

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, 15.161, 122.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

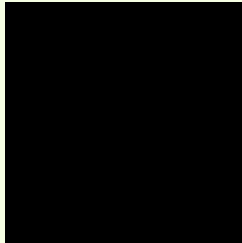
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

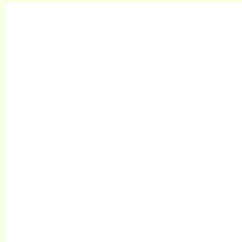
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 15.161, 122.869

Background



This preview shows how black text looks on a background with the CIELCh color 99, 15.161, 122.869.

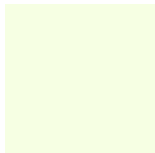


This preview shows how white text looks on a background with the CIELCh color 99, 15.161, 122.869.

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, 14.580, 121.998

Protanopia

99, 4.769, 92.440

Deuteranopia

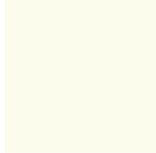
99, 1.825, 35.311

Tritanopia
99, 2.047, 290.368

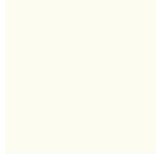
Trichromacy



Original Color
99, 14.580, 121.998



Protanomaly
99, 7.610, 109.593

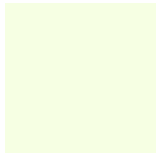


Deuteranomaly
99, 5.579, 109.743

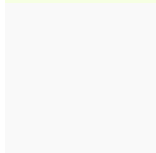


Tritanomaly
99, 3.715, 126.435

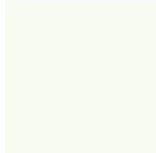
Monochromacy



Original Color
99, 14.580, 121.998



Achromatopsia
98, 0.011, 296.813



Achromatomaly
98, 5.199, 121.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 15.161, 122.869 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(246, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 227)  
}
```

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(246, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 15.161, 122.869 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(246, 255, 227) }
```

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

```
.border{ border-color:rgb(246, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 15.161, 122.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 227) }
```

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

```
.background{ background-color: rgb(246,  
255, 227) }
```

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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