

Converting Colors

CIELCh(99, 14.563, 121.299)

Have a look what the booklet for
CIELCh(99, 14.563, 121.299)
contains.

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Color

CIELCh(99, 14.003, 121.053)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE5
RGB	248, 255, 229
RGB Percent	97%, 100%, 90%
CMY	0.0290, 0.0000, 0.1035
CMYK	0.03, 0.00, 0.10, 0.00
HSL	77°, 100%, 95%
HSV	77°, 10%, 100%
XYZ	88.6202, 97.4360, 87.9764
YIQ	249.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

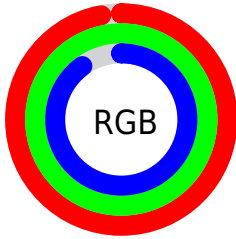
Format	Color
R _Y B	229, 255, 236
Decimal	16318437
CIE Lab	99.00, -7.22, 12.00
CIE LCh	99, 14.003, 121.053
Yxy	97.4360, 0.3234, 0.3556
Android (android.graphics.Color)	4294508517 (0xFFFF8FFE5)
YUV	249.9430, -10.3249, -1.7040
Hunter-Lab	98.7097, -12.4871, 16.2537

Details

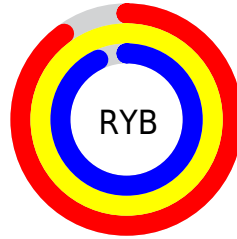
The CIELCh color **99, 14.003, 121.053** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 13.944, 301.684**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 12.966, 119.163** is the 20% darker color. If you saturate the color by 10%, you get **98, 26.798, 119.814**, and if you desaturate by 10%, it is **100, 0.451, 121.127**.

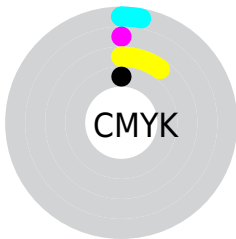
Distribution



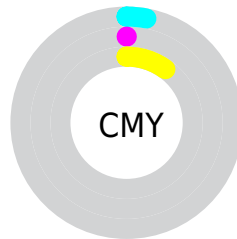
- Red (97%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 14.003, 121.053 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, 14.003, 121.053 by changing the saturation by 10% instead.


 99, 14.003,
121.053


 99, 14.003,
121.053


 100, 14.003,
121.053


 89, 14.003,
121.053


 79, 14.003,
121.053

 69, 14.003,
121.053

 59, 14.003,
121.053

 49, 14.003,
121.053

 39, 14.003,
121.053

 29, 14.003,

121.053

■ 19, 14.003,
121.053

■ 9, 14.003, 121.053

■ 99, 14.003,
121.053

■ 99, 14.003,
121.053

■ 98, 26.798,
119.814

100, 0.451,
121.127

■ 97, 39.780,
119.201

100, 0.012,
296.813

■ 96, 52.445,
118.615

■ 95, 64.564,
118.095

■ 95, 75.793,
117.701

■ 94, 85.648,
117.518

■ 93, 93.527,
117.654

■ 93, 98.892,
118.214

■ 92, 101.763,
119.160

Harmonies

Complementary

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



99, 14.003, 121.053



92, 13.944, 301.684

Rectangle

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



99, 14.003, 121.053



99, 14.003, 171.053



99, 14.003, 301.053



99, 14.003, 351.053

Sweetspot

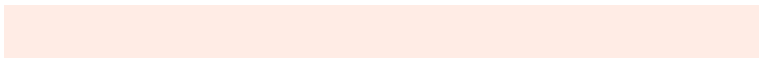
The Sweet Spot groups the original color and five complimentary colors.



99, 13.654, 120.427



100, 3.951, 120.875



95, 7.899, 46.849



53, 2.997, 120.825



0, 0.000, 0.000



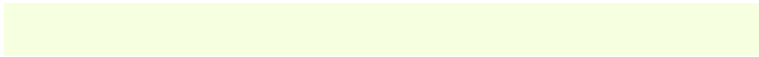
53, 0.007, 296.813

Same Dimension

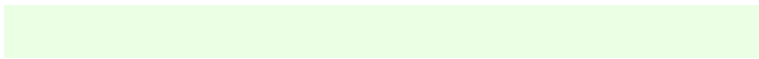
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 13.654, 120.427



99, 15.829, 120.326



98, 15.301, 137.348



53, 7.501, 120.478



71, 81.846, 118.919



24, 36.794, 117.605

Inverse Universe

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



92, 13.944, 301.684



91, 16.214, 301.797



93, 15.405, 318.240



49, 7.648, 301.627



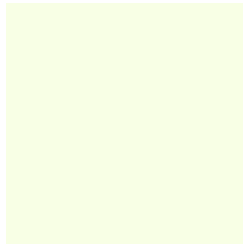
25, 104.975, 308.052



4, 44.716, 307.241

Previews

White Background



This preview shows how the CIELCh color 99, 14.003, 121.053 looks on a white background.

Color Contrast Check

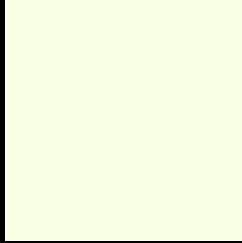
Large Text (above 18pt) WCAG AA × Fail

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, 14.003, 121.053 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, 14.003, 121.053

Background



This preview shows how black text looks on a background with the CIELCh color 99, 14.003, 121.053.

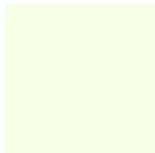


This preview shows how white text looks on a background with the CIELCh color 99, 14.003, 121.053.

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, 13.431, 120.026

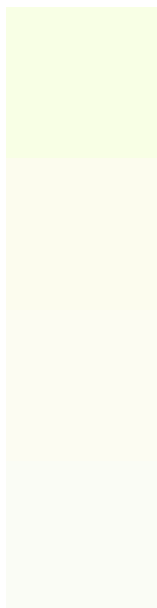


Protanopia
99, 3.809, 88.002

Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.081, 299.989

Trichromacy



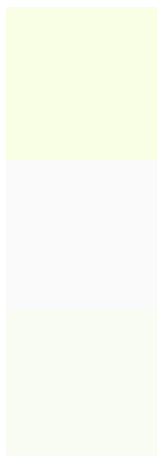
Original Color
99, 13.431, 120.026

Protanomaly
99, 7.102, 109.631

Deuteranomaly
99, 5.071, 109.780

Tritanomaly
99, 3.625, 121.116

Monochromacy



Original Color
99, 13.431, 120.026

Achromatopsia
98, 0.011, 296.813

Achromatomaly
99, 5.195, 121.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 14.003, 121.053 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, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 229)  
}
```

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, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 14.003, 121.053 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, 255, 229) }
```

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

```
.border{ border-color:rgb(248, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 14.003, 121.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 229) }
```

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

```
.background{ background-color: rgb(248,  
255, 229) }
```

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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