

Converting Colors

CIE LCh(99, 4.100, 120.419)

Have a look what the booklet for
CIELCh(99, 4.100, 120.419) contains.

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Color

CIELCh(99, 4.122, 119.723)

Conversions

Conversions Part 1

Format	Color
Hex	FBFDF5
RGB	251, 253, 245
RGB Percent	98%, 99%, 96%
CMY	0.0153, 0.0074, 0.0388
CMYK	0.01, 0.00, 0.03, 0.01
HSL	75°, 68%, 98%
HSV	75°, 3%, 99%
XYZ	91.4692, 97.4360, 100.4483
YIQ	251.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

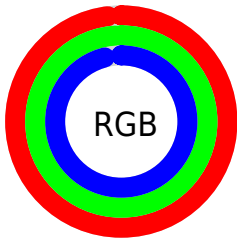
Format	Color
RYB	245, 253, 247
Decimal	16514549
CIELab	99.00, -2.04, 3.58
CIELCh	99, 4.122, 119.723
Yxy	97.4360, 0.3161, 0.3367
Android (android.graphics.Color)	4294704629 (0xFFFFBDF5)
YUV	251.4900, -3.1996, -0.4297
Hunter-Lab	98.7097, -7.3351, 8.7625

Details

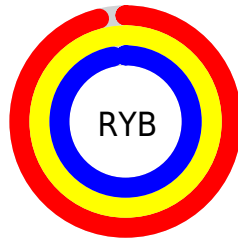
The CIELCh color 99, 4.122, 119.723 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 4.172, 300.116, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.744, 115.514 is the 20% darker color. If you saturate the color by 10%, you get 98, 17.184, 119.102, and if you desaturate by 10%, it is 100, 1.187, 324.223.

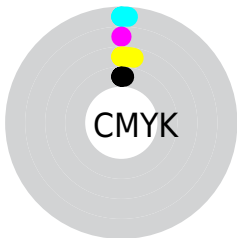
Distribution



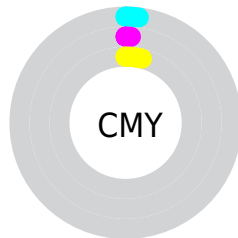
- Red (98%)
- Green (99%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (97%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)




- Cyan (2%)
- Magenta (1%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.122, 119.723 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, 4.122, 119.723 by changing the saturation by 10% instead.

 99, 4.122, 119.723

 99, 4.122, 119.723

 100, 4.122,
119.723

 89, 4.122, 119.723

 79, 4.122, 119.723

 69, 4.122, 119.723

 59, 4.122, 119.723

 49, 4.122, 119.723

 39, 4.122, 119.723

 29, 4.122, 119.723

 19, 4.122, 119.723

 9, 4.122, 119.723

99, 4.122, 119.723

99, 4.122, 119.723

98, 17.184,
119.102

100, 1.187,
324.223

97, 30.153,
118.459

96, 42.918,
117.822

95, 55.308,
117.222

95, 67.067,
116.702

94, 77.814,
116.326

93, 87.027,
116.181

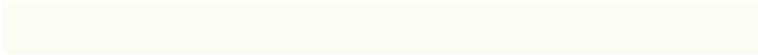
93, 94.096,
116.375

■ 93, 98.563,
117.000

Harmonies

Complementary

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



99, 4.122, 119.723



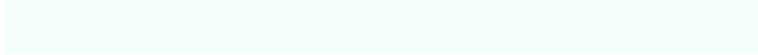
97, 4.172, 300.116

Rectangle

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



99, 4.122, 119.723



99, 4.122, 169.723



99, 4.122, 299.723



99, 4.122, 349.723

Sweetspot

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



99, 4.124, 119.740



100, 1.304, 119.892



98, 2.343, 45.009



53, 0.741, 119.897



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, 4.124, 119.740



100, 5.251, 119.686



99, 4.599, 137.210



53, 3.733, 119.638



72, 81.163, 117.427



25, 36.549, 116.211

Inverse Universe

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



97, 4.172, 300.116



97, 5.314, 300.172



97, 4.629, 317.379



51, 3.780, 300.222



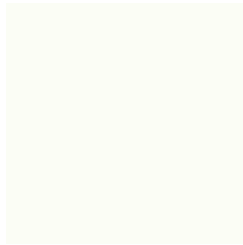
25, 105.456, 307.721



4, 44.659, 306.589

Previews

White Background



This preview shows how the CIElCh color 99, 4.122, 119.723 looks on a white background.

Color Contrast Check

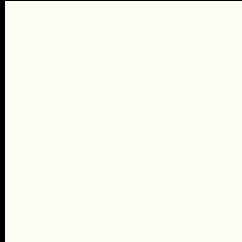
Large Text (above 18pt) WCAG AA × Fail

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, 4.122, 119.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

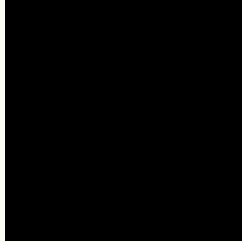
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.122, 119.723

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.122, 119.723.



This preview shows how white text looks on a background with the CIELCh color 99, 4.122, 119.723.

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, 4.122, 119.723

Protanopia

99, 2.272, 82.227

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 4.122, 119.723

Protanomaly

99, 2.619, 94.320

Deuteranomaly

99, 1.662, 84.963

Tritanomaly

99, 0.497, 109.986

Monochromacy



Original Color

99, 4.122, 119.723



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.514, 110.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.122, 119.723 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(251, 253, 245)` looks like.

```
.text, #text, p{  
    color:rgb(251, 253, 245)  
}
```

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(251, 253, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 253, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.122, 119.723 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(251, 253, 245) }
```

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

```
.border{ border-color:rgb(251, 253, 245) }
```

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

Here you see how a box with a 4 pixel rgb(251, 253, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 253, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 253, 245);  
box-shadow:4px 4px 4px 4px rgb(251, 253,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.122, 119.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 253, 245) }
```

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

```
.background{ background-color: rgb(251,  
253, 245) }
```

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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