

Converting Colors

CIE LCh(99, 8.148, 107.100)

Have a look what the booklet for
CIELCh(99, 8.148, 107.100) contains.

CIELCh(99, 8.115, 107.026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(99, 8.115, 107.026)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDED
RGB	254, 253, 237
RGB Percent	100%, 99%, 93%
CMY	0.0039, 0.0078, 0.0706
CMYK	0.00, 0.00, 0.07, 0.00
HSL	56°, 89%, 96%
HSV	56°, 7%, 100%
XYZ	91.2846, 97.4360, 94.1170
YIQ	251.4750, 5.7320, -4.7640

Conversions

Conversions Part 2

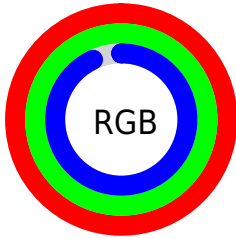
Format	Color
R_{YB}	238, 254, 237
Decimal	16711149
CIE _{Lab}	99.00, -2.38, 7.76
CIE _{LCh}	99, 8.115, 107.026
Yxy	97.4360, 0.3227, 0.3445
Android (android.graphics.Color)	4294901229 (0xFFFEFDED)
YUV	251.4750, -7.1362, 2.2144
Hunter-Lab	98.7097, -7.6690, 12.5654

Details

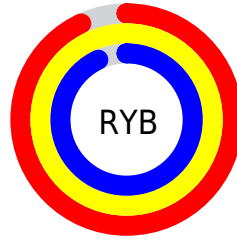
The CIELCh color 99, 8.115, 107.026 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94, 8.241, 288.450, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.983, 106.728 is the 20% darker color. If you saturate the color by 10%, you get 98, 20.240, 106.017, and if you desaturate by 10%, it is 100, 0.316, 257.653.

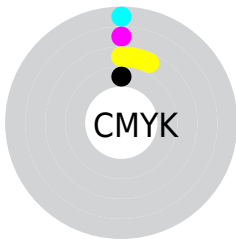
Distribution



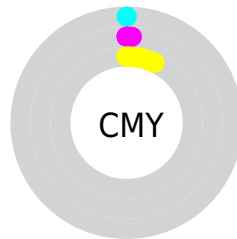
- Red (100%)
- Green (99%)
- Blue (93%)



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



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





- Cyan (0%)
- Magenta (1%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 8.115, 107.026 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, 8.115, 107.026 by changing the saturation by 10% instead.


 99, 8.115, 107.026


 99, 8.115, 107.026


 100, 8.115,
107.026


 89, 8.115, 107.026


 79, 8.115, 107.026


 69, 8.115, 107.026

 59, 8.115, 107.026

 49, 8.115, 107.026

 39, 8.115, 107.026

 29, 8.115, 107.026

 19, 8.115, 107.026

 9, 8.115, 107.026

99, 8.115, 107.026

99, 8.115, 107.026

98, 20.240,
106.017

100, 0.316,
257.653

97, 32.272,
104.979

100, 0.347,
201.295

96, 44.099,
103.943

96, 55.537,
102.930

95, 66.296,
101.962

95, 75.933,
101.068

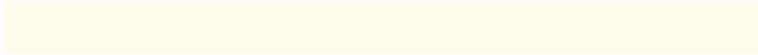
94, 83.840,
100.276

94, 89.344, 99.611

Harmonies

Complementary

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



99, 8.115, 107.026



94, 8.241, 288.450

Rectangle

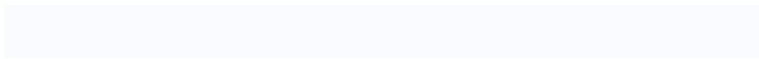
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 8.115, 107.026



99, 8.115, 157.026



99, 8.115, 287.026



99, 8.115, 337.026

Sweetspot

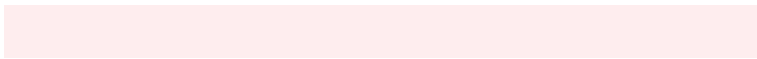
The Sweet Spot groups the original color and five complimentary colors.



99, 8.117, 107.039



100, 2.425, 107.484



95, 6.117, 14.286



53, 1.379, 107.492



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, 8.117, 107.039



99, 9.736, 106.907



99, 9.039, 126.403



53, 6.919, 106.755



72, 74.800, 98.986



25, 33.932, 99.658

Inverse Universe

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



94, 8.241, 288.450



94, 9.905, 288.596



95, 9.149, 307.015



49, 7.058, 288.769



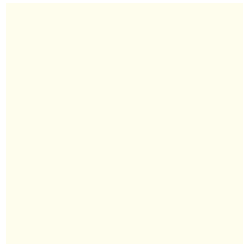
24, 105.176, 305.613



4, 42.269, 300.755

Previews

White Background



This preview shows how the CIE LCh color 99, 8.115, 107.026 looks on a white background.

Color Contrast Check

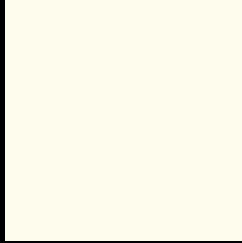
Large Text (above 18pt) WCAG AA × Fail

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 99, 8.115, 107.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

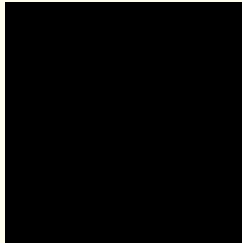
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 8.115, 107.026

Background



This preview shows how black text looks on a background with the CIELCh color 99, 8.115, 107.026.



This preview shows how white text looks on a background with the CIELCh color 99, 8.115, 107.026.

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

A vertical bar on the left side of the page is divided into three colored sections: a yellow top section, a light orange middle section, and a light pink bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 8.115, 107.026

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 8.115, 107.026

Protanomaly

99, 4.674, 96.630

Deuteranomaly

99, 3.207, 90.598

Tritanomaly

99, 2.048, 100.089

Monochromacy



Original Color

99, 8.115, 107.026



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 3.039, 109.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 8.115, 107.026 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(254, 253, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 237)  
}
```

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(254, 253, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 8.115, 107.026 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(254, 253, 237) }
```

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

```
.border{ border-color:rgb(254, 253, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 253, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 8.115, 107.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 253, 237) }
```

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

```
.background{ background-color: rgb(254,  
253, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor