

Converting Colors

CIELCh(100, 9.853, 87.751)

Have a look what the booklet for
CIELCh(100, 9.853, 87.751) contains.

CIELCh(99, 9.122, 107.227)	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, 9.122, 107.227)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDEB
RGB	254, 253, 235
RGB Percent	100%, 99%, 92%
CMY	0.0034, 0.0073, 0.0779
CMYK	0.00, 0.00, 0.07, 0.00
HSL	57°, 92%, 96%
HSV	57°, 7%, 100%
XYZ	91.1041, 97.4360, 92.7110
YIQ	251.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

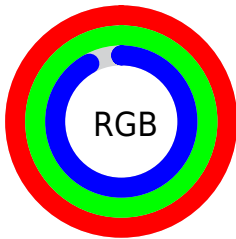
Format	Color
R _Y B	236, 254, 235
Decimal	16711147
CIE Lab	99.00, -2.70, 8.71
CIE LCh	99, 9.122, 107.227
Yxy	97.4360, 0.3239, 0.3464
Android (android.graphics.Color)	4294901227 (0xFFFEFDEB)
YUV	251.2470, -8.0098, 2.4144
Hunter-Lab	98.7097, -7.9955, 13.4099

Details

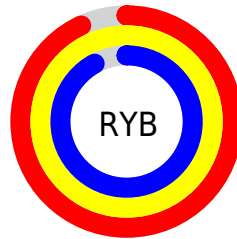
The CIELCh color **99, 9.122, 107.227** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.277, 288.806**, and the grayscale version is **99, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 9.046, 106.940** is the 20% darker color. If you saturate the color by 10%, you get **98, 21.321, 106.220**, and if you desaturate by 10%, it is **100, 0.303, 267.704**.

Distribution



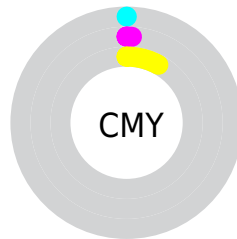
- Red (100%)
- Green (99%)
- Blue (92%)



- Red (93%)
- Yellow (100%)
- Blue (92%)



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




- Cyan (0%)
- Magenta (1%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 9.122, 107.227 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, 9.122, 107.227 by changing the saturation by 10% instead.

 99, 9.122, 107.227

 99, 9.122, 107.227

 100, 9.122,
107.227

 89, 9.122, 107.227

 79, 9.122, 107.227

 69, 9.122, 107.227

 59, 9.122, 107.227

 49, 9.122, 107.227

 39, 9.122, 107.227

 29, 9.122, 107.227

 19, 9.122, 107.227

 9, 9.122, 107.227

99, 9.122, 107.227

99, 9.122, 107.227

98, 21.321,
106.220

100, 0.303,
267.704

97, 33.414,
105.188

100, 0.301,
201.586

97, 45.282,
104.162

96, 56.734,
103.161

95, 67.466,
102.211

95, 77.019,
101.340

94, 84.778,
100.580

94, 90.082, 99.955

Harmonies

Complementary

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



99, 9.122, 107.227



94, 9.277, 288.806

Rectangle

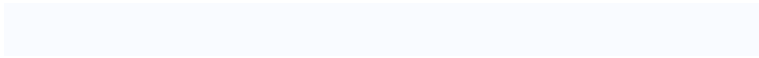
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 9.122, 107.227



99, 9.122, 157.227



99, 9.122, 287.227



99, 9.122, 337.227

Sweetspot

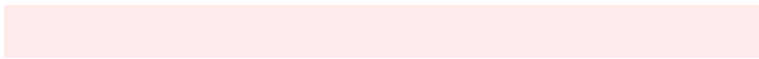
The Sweet Spot groups the original color and five complimentary colors.



99, 9.124, 107.239



100, 2.441, 107.761



95, 6.851, 14.361



53, 1.388, 107.768



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, 9.124, 107.239



99, 11.022, 107.085



99, 10.097, 126.364



53, 6.963, 107.034



72, 75.127, 99.417



25, 34.098, 100.030

Inverse Universe

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



94, 9.277, 288.806



93, 11.237, 288.979



94, 10.230, 307.056



49, 7.105, 289.037



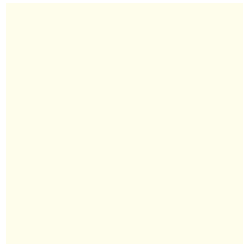
24, 105.453, 305.686



4, 42.466, 300.868

Previews

White Background



This preview shows how the CIE LCh color 99, 9.122, 107.227 looks on a white background.

Color Contrast Check

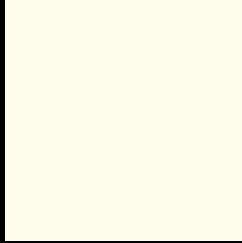
Large Text (above 18pt) WCAG AA × Fail

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, 9.122, 107.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

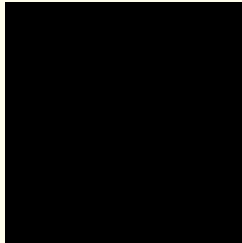
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 9.122, 107.227

Background



This preview shows how black text looks on a background with the CIELCh color 99, 9.122, 107.227.



This preview shows how white text looks on a background with the CIELCh color 99, 9.122, 107.227.

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, 9.128, 107.224



Protanopia
99, 3.207, 90.598

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 9.128, 107.224

Protanomaly

99, 5.171, 97.859

Deuteranomaly

99, 3.691, 93.151

Tritanomaly

99, 2.048, 100.089

Monochromacy



Original Color

99, 9.128, 107.224



Achromatopsia

99, 0.012, 296.813



Achromatomaly

99, 3.547, 109.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 9.122, 107.227 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 9.122, 107.227 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, 235) }
```

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

```
.border{ border-color:rgb(254, 253, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 9.122, 107.227 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, 235) }
```

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

```
.background{ background-color: rgb(254,  
253, 235) }
```

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