

Converting Colors

CIELCh(100, 15.532, 98.031)

Have a look what the booklet for
CIELCh(100, 15.532, 98.031)
contains.

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Color

CIElCh(99, 15.178, 109.030)

Conversions

Conversions Part 1

Format	Color
Hex	FEFEE0
RGB	254, 254, 224
RGB Percent	100%, 100%, 88%
CMY	0.0035, 0.0035, 0.1210
CMYK	0.00, 0.00, 0.12, 0.00
HSL	60°, 94%, 94%
HSV	60°, 12%, 100%
XYZ	89.8638, 97.4360, 84.6855
YIQ	250.5800, 9.6300, -9.3300

Conversions

Conversions Part 2

Format	Color
RYB	224, 254, 224
Decimal	16711392
CIELab	99.00, -4.95, 14.35
CIElCh	99, 15.178, 109.030
Yxy	97.4360, 0.3304, 0.3582
Android (android.graphics.Color)	4294901472 (0xFFFEFEE0)
YUV	250.5800, -13.1039, 2.9993
Hunter-Lab	98.7097, -10.2384, 18.2304

Details

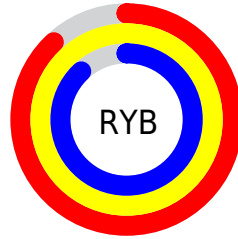
The CIELCh color **99, 15.178, 109.030** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 15.600, 291.444**, and the grayscale version is **99, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 14.863, 108.812** is the 20% darker color. If you saturate the color by 10%, you get **98, 27.950, 108.059**, and if you desaturate by 10%, it is **100, 2.310, 109.981**.

Distribution



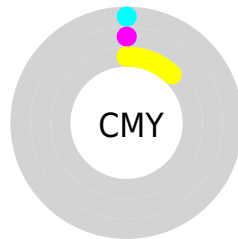
- Red (100%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 15.178, 109.030 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, 15.178, 109.030 by changing the saturation by 10% instead.


 99, 15.178,
109.030


 99, 15.178,
109.030


 100, 15.178,
109.030


 89, 15.178,
109.030

 79, 15.178,
109.030

 69, 15.178,
109.030

 59, 15.178,
109.030

 49, 15.178,
109.030

 39, 15.178,
109.030

 29, 15.178,

109.030

■ 19, 15.178,
109.030

■ 9, 15.178, 109.030

■ 99, 15.178,
109.030

■ 99, 15.178,
109.030

■ 98, 27.950,
108.059

■ 100, 2.310,
109.981

■ 98, 40.515,
107.088

■ 100, 0.459,
290.595

■ 98, 52.712,
106.145

■ 100, 0.459,
290.858

■ 97, 64.288,
105.256

■ 100, 0.459,
291.121

■ 97, 74.862, 100, 0.459,
104.457 291.384

■ 97, 83.902, 100, 0.459,
103.786 291.647

■ 97, 90.785, 100, 0.459,
103.285 291.910

■ 97, 95.009, 100, 0.459,
102.983 292.172

■ 97, 96.656, 100, 0.459,
102.867 292.435

Harmonies

Complementary

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



99, 15.178, 109.030



90, 15.600, 291.444

Rectangle

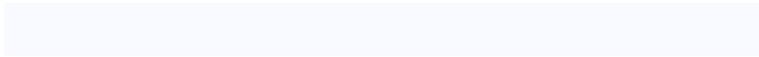
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 15.178, 109.030



99, 15.178, 159.030



99, 15.178, 289.030



99, 15.178, 339.030

Sweetspot

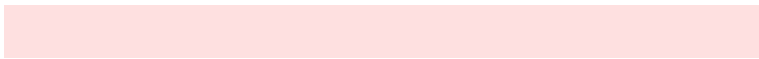
The Sweet Spot groups the original color and five complimentary colors.



99, 15.180, 109.037



100, 5.161, 109.787



92, 10.973, 20.128



53, 3.669, 109.716



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, 15.180, 109.037



99, 18.052, 108.822



98, 16.196, 128.547



53, 7.338, 109.260



75, 78.056, 102.867



26, 35.525, 103.007

Inverse Universe

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



90, 15.600, 291.444



89, 18.644, 291.706



91, 16.467, 309.599



49, 7.504, 291.182



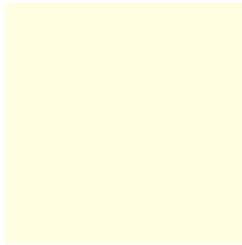
23, 107.780, 306.288



3, 44.127, 301.763

Previews

White Background



This preview shows how the CIE LCh color 99, 15.178, 109.030 looks on a white background.

Color Contrast Check

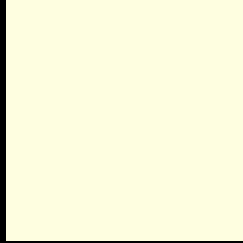
Large Text (above 18pt) WCAG AA × Fail

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, 15.178, 109.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

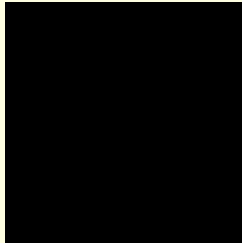
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 15.178, 109.030

Background



This preview shows how black text looks on a background with the CIELCh color 99, 15.178, 109.030.

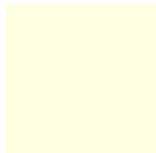


This preview shows how white text looks on a background with the CIELCh color 99, 15.178, 109.030.

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, 15.189, 109.026



Protanopia
99, 3.691, 93.151

Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.311, 317.261

Trichromacy



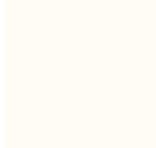
Original Color
99, 15.189, 109.026



Protanomaly
99, 8.135, 104.498

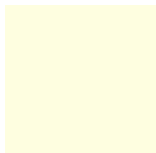


Deuteranomaly
99, 5.669, 98.867

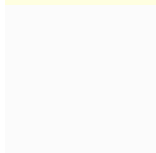


Tritanomaly
99, 4.108, 99.912

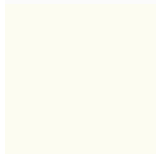
Monochromacy



Original Color
99, 15.189, 109.026



Achromatopsia
99, 0.012, 296.813



Achromatomaly
99, 5.579, 109.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 15.178, 109.030 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, 254, 224)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 224)  
}
```

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, 254, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 15.178, 109.030 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, 254, 224) }
```

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

```
.border{ border-color:rgb(254, 254, 224) }
```

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

Here you see how a box with a 4 pixel rgb(254, 254, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 15.178, 109.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 224) }
```

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

```
.background{ background-color: rgb(254,  
254, 224) }
```

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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