

Converting Colors

CIELCh(99, 14.715, 117.977)

Have a look what the booklet for
CIELCh(99, 14.715, 117.977)
contains.

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Color

CIElCh(99, 14.361, 117.813)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFE3
RGB	249, 255, 227
RGB Percent	98%, 100%, 89%
CMY	0.0225, 0.0000, 0.1088
CMYK	0.02, 0.00, 0.11, 0.00
HSL	72°, 100%, 95%
HSV	72°, 11%, 100%
XYZ	88.9049, 97.4360, 86.9803
YIQ	250.0140, 5.4120, -9.9800

Conversions

Conversions Part 2

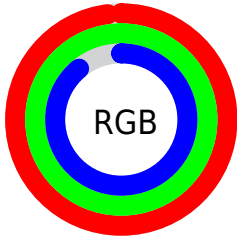
Format	Color
R_{YB}	227, 255, 233
Decimal	16383971
CIE _{Lab}	99.00, -6.70, 12.70
CIE _{LCh}	99, 14.361, 117.813
Yxy	97.4360, 0.3253, 0.3565
Android (android.graphics.Color)	4294574051 (0xFFFF9FFE3)
YUV	250.0140, -11.3459, -0.8893
Hunter-Lab	98.7097, -11.9723, 16.8520

Details

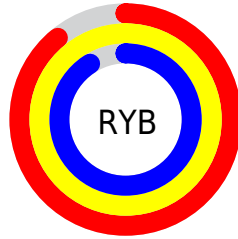
The CIELCh color **99, 14.361, 117.813** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 14.554, 299.037**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 14.010, 118.337** is the 20% darker color. If you saturate the color by 10%, you get **98, 27.213, 116.831**, and if you desaturate by 10%, it is **100, 1.139, 118.212**.

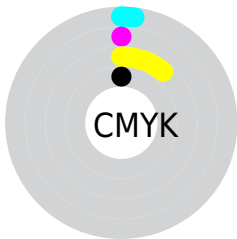
Distribution



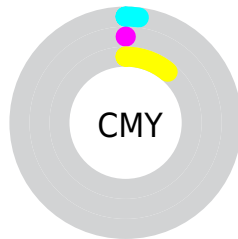
- Red (98%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 14.361, 117.813 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, 14.361, 117.813 by changing the saturation by 10% instead.


 99, 14.361,
117.813


 99, 14.361,
117.813


 100, 14.361,
117.813


 89, 14.361,
117.813

 79, 14.361,
117.813

 69, 14.361,
117.813

 59, 14.361,
117.813

 49, 14.361,
117.813

 39, 14.361,
117.813

 29, 14.361,

117.813

■ 19, 14.361,
117.813

■ 9, 14.361, 117.813

■ 99, 14.361,
117.813

■ 99, 14.361,
117.813

■ 98, 27.213,
116.831

■ 100, 1.139,
118.212

■ 97, 40.027,
116.144

■ 100, 0.012,
296.813

■ 96, 52.502,
115.485

■ 96, 64.401,
114.893

■ 95, 75.371,
114.424

■ 95, 84.911,
114.155

■ 94, 92.413,
114.180

■ 94, 97.346,
114.592

■ 93, 99.716,
115.300

Harmonies

Complementary

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



99, 14.361, 117.813



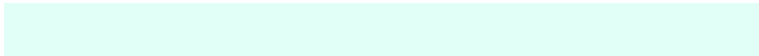
92, 14.554, 299.037

Rectangle

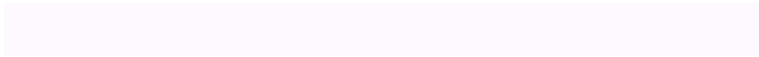
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 14.361, 117.813



99, 14.361, 167.813



99, 14.361, 297.813



99, 14.361, 347.813

Sweetspot

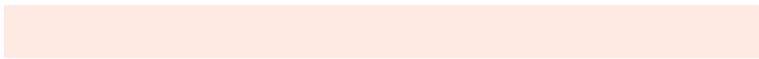
The Sweet Spot groups the original color and five complimentary colors.



99, 14.216, 117.522



100, 3.915, 118.060



94, 8.570, 39.203



53, 2.970, 118.005



0, 0.000, 0.000



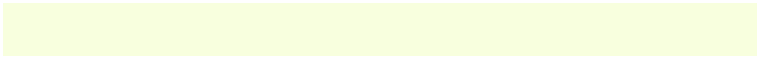
53, 0.007, 296.813

Same Dimension

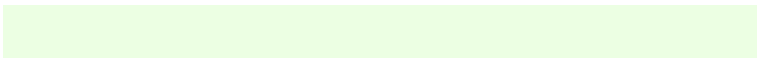
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 14.216, 117.522



99, 16.982, 117.376



98, 15.775, 135.271



53, 7.430, 117.616



72, 80.244, 115.104



25, 36.225, 114.062

Inverse Universe

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



92, 14.554, 299.037



90, 17.461, 299.205



93, 15.918, 316.180



49, 7.587, 298.931



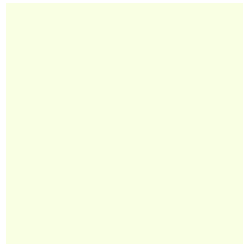
24, 106.094, 307.300



4, 44.571, 305.682

Previews

White Background



This preview shows how the CIELCh color 99, 14.361, 117.813 looks on a white background.

Color Contrast Check

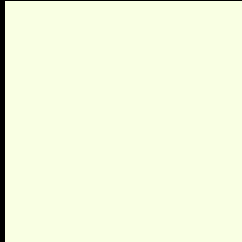
Large Text (above 18pt) WCAG AA × Fail

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, 14.361, 117.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

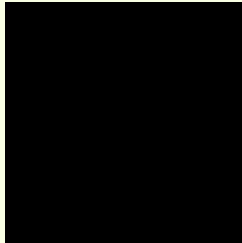
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 14.361, 117.813

Background



This preview shows how black text looks on a background with the CIELCh color 99, 14.361, 117.813.

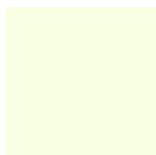


This preview shows how white text looks on a background with the CIELCh color 99, 14.361, 117.813.

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, 14.361, 117.813

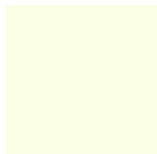


Protanopia
99, 4.181, 95.099

Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.081, 299.989

Trichromacy



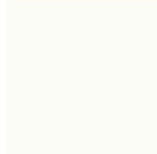
Original Color
99, 14.361, 117.813



Protanomaly
99, 7.604, 109.595

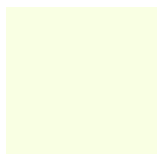


Deuteranomaly
99, 5.079, 105.767

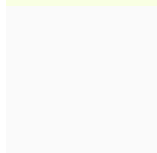


Tritanomaly
99, 3.569, 115.569

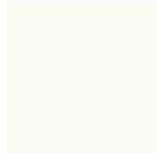
Monochromacy



Original Color
99, 14.361, 117.813



Achromatopsia
98, 0.011, 296.813



Achromatomaly
99, 5.129, 117.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 14.361, 117.813 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(249, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 227)  
}
```

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(249, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 14.361, 117.813 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(249, 255, 227) }
```

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

```
.border{ border-color:rgb(249, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 14.361, 117.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 227) }
```

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

```
.background{ background-color: rgb(249,  
255, 227) }
```

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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