

Converting Colors

CIELCh(99, 14.276, 110.341)

Have a look what the booklet for
CIELCh(99, 14.276, 110.341)
contains.

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Color

CIElCh(99, 14.187, 110.573)

Conversions

Conversions Part 1

Format	Color
Hex	FD FEE2
RGB	253, 254, 226
RGB Percent	99%, 100%, 89%
CMY	0.0070, 0.0031, 0.1129
CMYK	0.00, 0.00, 0.11, 0.00
HSL	62°, 95%, 94%
HSV	62°, 11%, 100%
XYZ	89.8438, 97.4360, 86.1669
YIQ	250.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

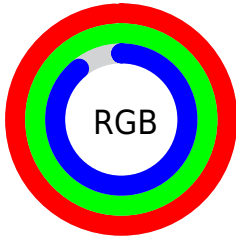
Format	Color
R_{YB}	226, 254, 227
Decimal	16645858
CIE _{Lab}	99.00, -4.99, 13.28
CIE _{LCh}	99, 14.187, 110.573
Yxy	97.4360, 0.3286, 0.3563
Android (android.graphics.Color)	4294835938 (0xFFFD _{FEE2})
YUV	250.5090, -12.0829, 2.1846
Hunter-Lab	98.7097, -10.2744, 17.3406

Details

The CIELCh color **99, 14.187, 110.573** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 14.557, 292.685**, 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, 13.814, 110.505** is the 20% darker color. If you saturate the color by 10%, you get **98, 26.980, 109.658**, and if you desaturate by 10%, it is **100, 1.303, 111.452**.

Distribution



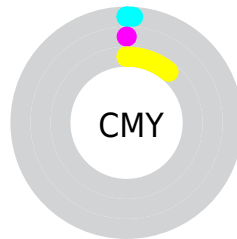
- Red (99%)
- Green (100%)
- Blue (89%)



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



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





- Cyan (1%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 14.187, 110.573 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, 14.187, 110.573 by changing the saturation by 10% instead.


 99, 14.187,
110.573


 99, 14.187,
110.573


 100, 14.187,
110.573


 89, 14.187,
110.573


 79, 14.187,
110.573

 69, 14.187,
110.573

 59, 14.187,
110.573

 49, 14.187,
110.573

 39, 14.187,
110.573

 29, 14.187,

110.573

■ 19, 14.187,
110.573

■ 9, 14.187, 110.573

■ 99, 14.187,
110.573

■ 99, 14.187,
110.573

■ 98, 26.980,
109.658

■ 100, 1.303,
111.452

■ 98, 39.574,
108.739

■ 100, 0.500,
323.840

■ 97, 51.814,
107.848

■ 97, 63.457,
107.012

■ 97, 74.135,
106.270

■ 97, 83.332,
105.668

■ 96, 90.426,
105.258

■ 96, 94.892,
105.083

■ 96, 96.790,
105.114

Harmonies

Complementary

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



99, 14.187, 110.573



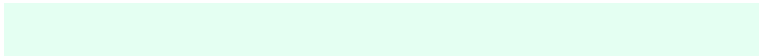
91, 14.557, 292.685

Rectangle

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



99, 14.187, 110.573



99, 14.187, 160.573



99, 14.187, 290.573



99, 14.187, 340.573

Sweetspot

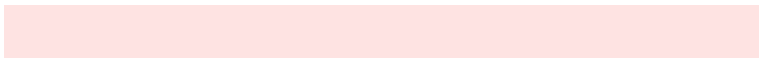
The Sweet Spot groups the original color and five complimentary colors.



99, 14.189, 110.580



100, 3.871, 111.303



92, 9.889, 22.808



53, 2.936, 111.234



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, 14.189, 110.580



99, 16.777, 110.398



98, 15.246, 129.751



53, 7.342, 110.719



75, 78.140, 105.076



26, 35.537, 104.982

Inverse Universe

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



91, 14.557, 292.685



89, 17.288, 292.902



92, 15.469, 310.702



49, 7.508, 292.524



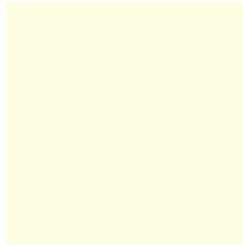
23, 107.602, 306.388



3, 44.215, 302.484

Previews

White Background



This preview shows how the CIELCh color 99, 14.187, 110.573 looks on a white background.

Color Contrast Check

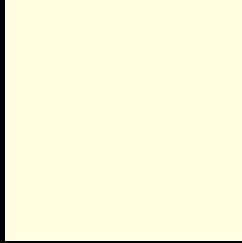
Large Text (above 18pt) WCAG AA × Fail

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, 14.187, 110.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

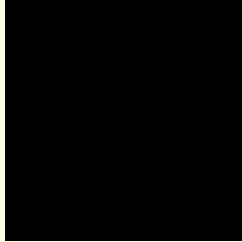
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 14.187, 110.573

Background



This preview shows how black text looks on a background with the CIELCh color 99, 14.187, 110.573.

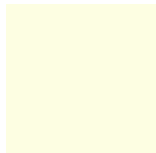


This preview shows how white text looks on a background with the CIELCh color 99, 14.187, 110.573.

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, 14.187, 110.573



Protanopia
99, 3.691, 93.151

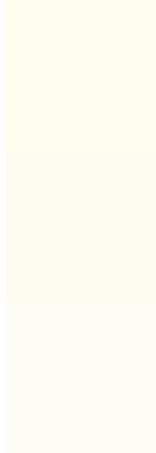
Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color
99, 14.187, 110.573

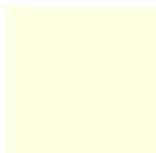


Protanomaly
99, 7.608, 106.899

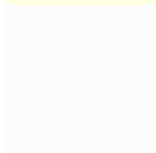
Deuteranomaly
99, 5.616, 102.454

Tritanomaly
99, 3.560, 104.186

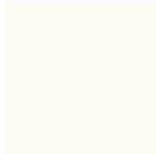
Monochromacy



Original Color
99, 14.187, 110.573



Achromatopsia
99, 0.012, 296.813



Achromatomaly
99, 5.071, 109.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 14.187, 110.573 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(253, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 254, 226)  
}
```

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(253, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 254, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 14.187, 110.573 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(253, 254, 226) }
```

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

```
.border{ border-color:rgb(253, 254, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 254, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 254,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 14.187, 110.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 254, 226) }
```

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

```
.background{ background-color: rgb(253,  
254, 226) }
```

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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