

Converting Colors

CIELCh(99, 18.394, 113.865)

Have a look what the booklet for
CIELCh(99, 18.394, 113.865)
contains.

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Color

CIElCh(99, 18.278, 113.407)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFDB
RGB	251, 255, 219
RGB Percent	98%, 100%, 86%
CMY	0.0144, 0.0000, 0.1399
CMYK	0.01, 0.00, 0.14, 0.00
HSL	66°, 100%, 93%
HSV	66°, 14%, 100%
XYZ	88.5995, 97.4360, 81.3794
YIQ	249.7000, 9.1720, -12.0440

Conversions

Conversions Part 2

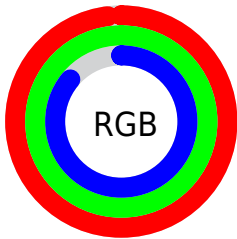
Format	Color
R_{YB}	219, 255, 223
Decimal	16515035
CIE Lab	99.00, -7.26, 16.77
CIE LCh	99, 18.278, 113.407
Yxy	97.4360, 0.3313, 0.3644
Android (android.graphics.Color)	4294705115 (0xFFFBFFDB)
YUV	249.7000, -15.1351, 1.1401
Hunter-Lab	98.7097, -12.5245, 20.2162

Details

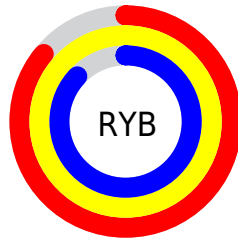
The CIELCh color **99, 18.278, 113.407** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 18.687, 295.471**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 18.097, 113.450** is the 20% darker color. If you saturate the color by 10%, you get **98, 30.920, 112.248**, and if you desaturate by 10%, it is **100, 5.165, 113.888**.

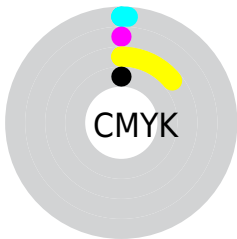
Distribution



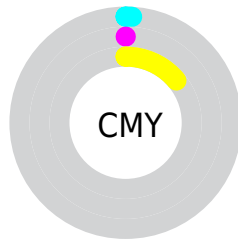
- Red (98%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 18.278, 113.407 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, 18.278, 113.407 by changing the saturation by 10% instead.


 99, 18.278,
113.407


 99, 18.278,
113.407

 100, 18.278,
113.407


 89, 18.278,
113.407

 79, 18.278,
113.407

 69, 18.278,
113.407

 59, 18.278,
113.407

 49, 18.278,
113.407

 39, 18.278,
113.407

 29, 18.278,

113.407

■ 19, 18.278,
113.407

■ 9, 18.278, 113.407

■ 99, 18.278,
113.407

■ 99, 18.278,
113.407

■ 98, 30.920,
112.248

■ 100, 5.165,
113.888

■ 98, 43.501,
111.432

100, 0.012,
296.813

■ 97, 55.667,
110.654

■ 97, 67.145,
109.948

■ 96, 77.528,
109.366

■ 96, 86.264,
108.971

■ 96, 92.729,
108.835

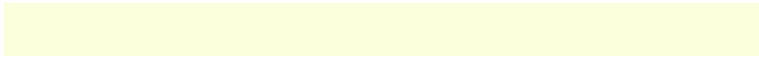
■ 95, 96.489,
109.012

■ 95, 97.666,
109.246

Harmonies

Complementary

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



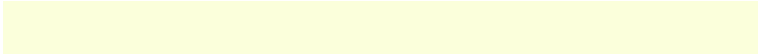
99, 18.278, 113.407



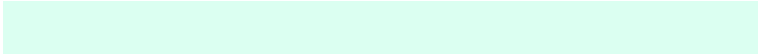
89, 18.687, 295.471

Rectangle

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



99, 18.278, 113.407



99, 18.278, 163.407



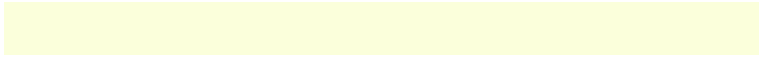
99, 18.278, 293.407



99, 18.278, 343.407

Sweetspot

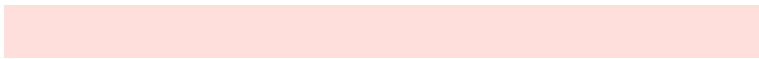
The Sweet Spot groups the original color and five complimentary colors.



99, 18.103, 113.073



100, 5.179, 113.887



91, 11.995, 28.966



53, 3.681, 113.827



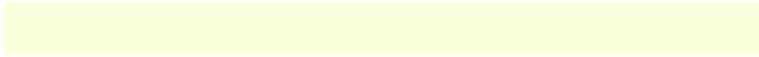
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

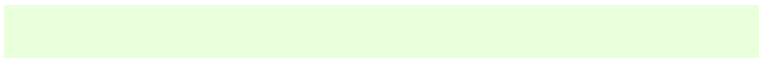
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 18.103, 113.073



99, 21.978, 112.825



98, 19.753, 131.884



53, 7.364, 113.442



74, 78.645, 109.140



25, 35.687, 108.633

Inverse Universe

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



89, 18.687, 295.471



86, 22.847, 295.779



90, 20.054, 313.076



49, 7.528, 295.039



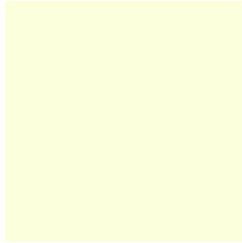
23, 107.202, 306.619



4, 44.365, 303.768

Previews

White Background



This preview shows how the CIE LCh color 99, 18.278, 113.407 looks on a white background.

Color Contrast Check

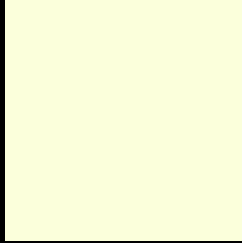
Large Text (above 18pt) WCAG AA × Fail

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, 18.278, 113.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

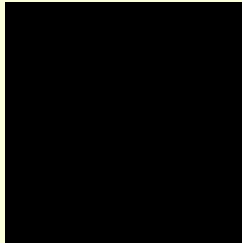
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 18.278, 113.407

Background



This preview shows how black text looks on a background with the CIELCh color 99, 18.278, 113.407.



This preview shows how white text looks on a background with the CIELCh color 99, 18.278, 113.407.

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, 18.278, 113.407

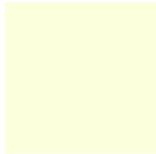


Protanopia
99, 4.181, 95.099

Deuteranopia
99, 1.723, 55.170

Tritanopia
99, 2.171, 309.072

Trichromacy



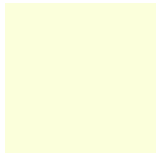
Original Color
99, 18.278, 113.407

Protanomaly
99, 9.128, 107.224

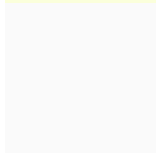
Deuteranomaly
99, 7.130, 103.869

Tritanomaly
99, 5.071, 109.780

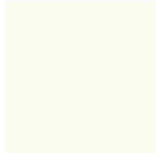
Monochromacy



Original Color
99, 18.278, 113.407



Achromatopsia
98, 0.011, 296.813



Achromatomaly
99, 6.642, 115.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 18.278, 113.407 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(251, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 219)  
}
```

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(251, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 18.278, 113.407 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(251, 255, 219) }
```

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

```
.border{ border-color:rgb(251, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 18.278, 113.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 219) }
```

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

```
.background{ background-color: rgb(251,  
255, 219) }
```

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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