

Converting Colors

CIELCh(100, 21.596, 123.057)

Have a look what the booklet for
CIELCh(100, 21.596, 123.057)
contains.

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Color

CIElCh(99, 18.539, 119.023)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFDC
RGB	247, 255, 220
RGB Percent	97%, 100%, 86%
CMY	0.0299, 0.0000, 0.1359
CMYK	0.03, 0.00, 0.14, 0.00
HSL	73°, 100%, 93%
HSV	73°, 14%, 100%
XYZ	87.6597, 97.4360, 82.1389
YIQ	248.6180, 6.4670, -12.5810

Conversions

Conversions Part 2

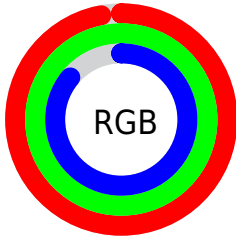
Format	Color
R_{YB}	220, 255, 228
Decimal	16252892
CIE _{Lab}	99.00, -8.99, 16.21
CIE _{LCh}	99, 18.539, 119.023
Yxy	97.4360, 0.3280, 0.3646
Android (android.graphics.Color)	4294442972 (0xFFFF7FFDC)
YUV	248.6180, -14.1087, -1.4190
Hunter-Lab	98.7097, -14.2241, 19.7600

Details

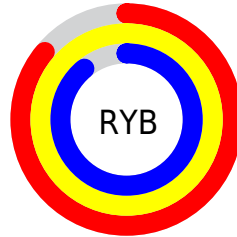
The CIELCh color **99, 18.539, 119.023** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 18.294, 299.731**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 17.727, 117.355** is the 20% darker color. If you saturate the color by 10%, you get **98, 30.759, 117.183**, and if you desaturate by 10%, it is **100, 4.692, 118.529**.

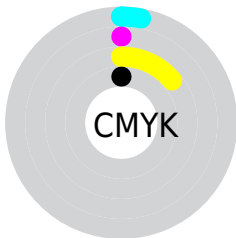
Distribution



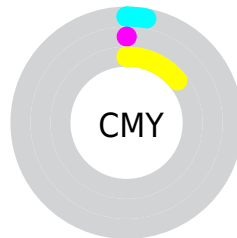
- Red (97%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 18.539, 119.023 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, 18.539, 119.023 by changing the saturation by 10% instead.


 99, 18.539,
119.023


 99, 18.539,
119.023

 100, 18.539,
119.023


 89, 18.539,
119.023


 79, 18.539,
119.023

 69, 18.539,
119.023

 59, 18.539,
119.023

 49, 18.539,
119.023

 39, 18.539,
119.023

 29, 18.539,

119.023

■ 19, 18.539,
119.023

■ 9, 18.539, 119.023

■ 99, 18.539,
119.023

■ 99, 18.539,
119.023

■ 98, 30.759,
117.183

■ 100, 4.692,
118.529

■ 97, 43.524,
116.515

100, 0.012,
296.813

■ 96, 55.898,
115.885

■ 96, 67.616,
115.336

■ 95, 78.288,
114.930

■ 94, 87.376,
114.752

■ 94, 94.268,
114.903

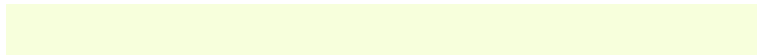
■ 94, 98.512,
115.467

■ 93, 100.051,
116.019

Harmonies

Complementary

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



99, 18.539, 119.023



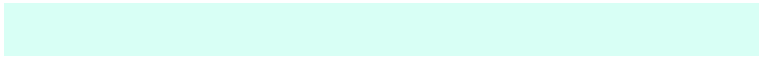
89, 18.294, 299.731

Rectangle

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



99, 18.539, 119.023



99, 18.539, 169.023



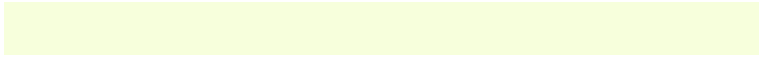
99, 18.539, 299.023



99, 18.539, 349.023

Sweetspot

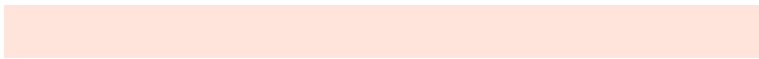
The Sweet Spot groups the original color and five complimentary colors.



99, 17.776, 117.860



100, 5.232, 118.502



93, 10.728, 41.026



53, 3.719, 118.452



0, 0.000, 0.000



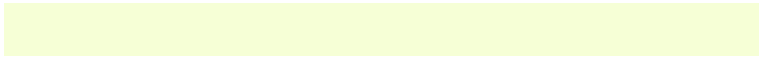
53, 0.007, 296.813

Same Dimension

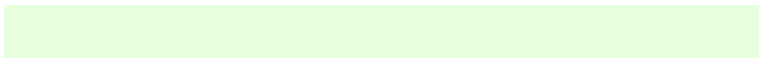
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 17.776, 117.860



98, 20.920, 117.697



97, 19.821, 135.660



53, 7.441, 118.135



72, 80.507, 115.814



25, 36.317, 114.716

Inverse Universe

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



89, 18.294, 299.731



88, 21.639, 299.924



91, 20.022, 316.828



49, 7.596, 299.417



25, 105.913, 307.417



4, 44.598, 305.946

Previews

White Background



This preview shows how the CIE LCh color 99, 18.539, 119.023 looks on a white background.

Color Contrast Check

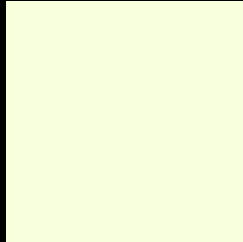
Large Text (above 18pt) WCAG AA × Fail

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, 18.539, 119.023 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

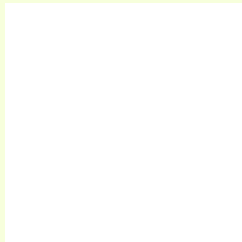
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 18.539, 119.023

Background



This preview shows how black text looks on a background with the CIELCh color 99, 18.539, 119.023.



This preview shows how white text looks on a background with the CIELCh color 99, 18.539, 119.023.

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, 17.975, 118.197



Protanopia
99, 5.257, 94.035

Deuteranopia
99, 2.022, 49.321

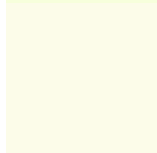
Tritanopia

99, 2.660, 305.559

Trichromacy



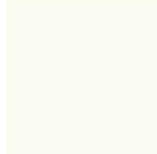
Original Color
99, 17.975, 118.197



Protanomaly
99, 9.639, 109.441

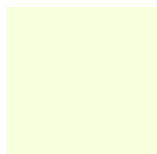


Deuteranomaly
99, 7.102, 109.631



Tritanomaly
99, 5.129, 117.728

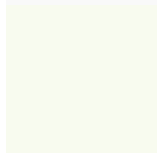
Monochromacy



Original Color
99, 17.975, 118.197



Achromatopsia
98, 0.011, 296.813



Achromatomaly
98, 6.198, 119.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 18.539, 119.023 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(247, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 220)  
}
```

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(247, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 18.539, 119.023 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(247, 255, 220) }
```

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

```
.border{ border-color:rgb(247, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 18.539, 119.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 220) }
```

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

```
.background{ background-color: rgb(247,  
255, 220) }
```

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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