

Converting Colors

CIELCh(100, 19.553, 89.035)

Have a look what the booklet for
CIELCh(100, 19.553, 89.035)
contains.

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Color

CIElCh(99, 18.239, 106.470)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEDA
RGB	255, 254, 218
RGB Percent	100%, 100%, 85%
CMY	0.0000, 0.0037, 0.1450
CMYK	0.00, 0.00, 0.15, 0.00
HSL	58°, 100%, 93%
HSV	58°, 15%, 100%
XYZ	89.7418, 97.4360, 80.4191
YIQ	250.1950, 12.1520, -10.9840

Conversions

Conversions Part 2

Format	Color
R_{YB}	219, 255, 218
Decimal	16776922
CIE _{Lab}	99.00, -5.17, 17.49
CIE _{LCh}	99, 18.239, 106.470
Y _{xy}	97.4360, 0.3354, 0.3641
Android (android.graphics.Color)	4294967002 (0xFFFFFEDA)
Y _{UV}	250.1950, -15.8721, 4.2140
Hunter-Lab	98.7097, -10.4588, 20.7931

Details

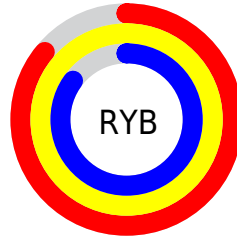
The CIELCh color **99, 18.239, 106.470** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.820, 290.751**, and the grayscale version is **98, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 18.033, 107.278** is the 20% darker color. If you saturate the color by 10%, you get **98, 30.701, 106.694**, and if you desaturate by 10%, it is **100, 5.662, 108.684**.

Distribution



- Red (100%)
- Green (100%)
- Blue (85%)



- Red (86%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 18.239, 106.470 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, 18.239, 106.470 by changing the saturation by 10% instead.


 99, 18.239,
106.470


 99, 18.239,
106.470

 100, 18.239,
106.470


 89, 18.239,
106.470

 79, 18.239,
106.470

 69, 18.239,
106.470

 59, 18.239,
106.470

 49, 18.239,
106.470

 39, 18.239,
106.470

 29, 18.239,

106.470

■ 19, 18.239,
106.470

■ 9, 18.239, 106.470

■ 99, 18.239,
106.470

■ 99, 18.239,
106.470

■ 98, 30.701,
106.694

■ 100, 5.662,
108.684

■ 98, 42.956,
105.697

100, 0.012,
296.813

■ 97, 54.821,
104.727

■ 97, 66.020,
103.810

■ 96, 76.135,
102.979

■ 96, 84.593,
102.270

■ 96, 90.746,
101.717

■ 96, 94.142,
101.337

■ 95, 95.055,
101.186

Harmonies

Complementary

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



99, 18.239, 106.470



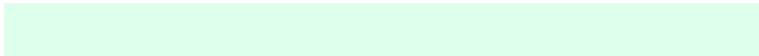
88, 18.820, 290.751

Rectangle

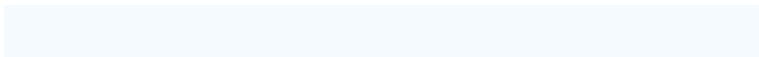
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 18.239, 106.470



99, 18.239, 156.470



99, 18.239, 286.470



99, 18.239, 336.470

Sweetspot

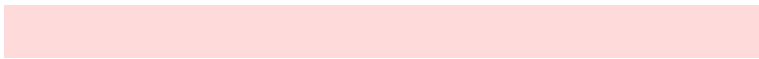
The Sweet Spot groups the original color and five complimentary colors.



99, 18.233, 107.697



100, 5.029, 108.731



90, 13.656, 17.696



53, 3.575, 108.660



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, 18.233, 107.697



99, 21.360, 107.447



98, 19.815, 127.226



53, 7.153, 108.195



74, 76.586, 101.215



25, 34.821, 101.580

Inverse Universe

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



88, 18.820, 290.751



86, 22.172, 291.067



89, 20.246, 308.586



49, 7.307, 290.156



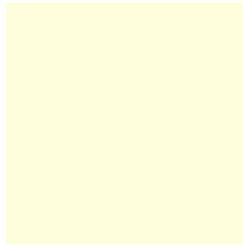
23, 106.627, 305.992



4, 43.315, 301.336

Previews

White Background



This preview shows how the CIE LCh color 99, 18.239, 106.470 looks on a white background.

Color Contrast Check

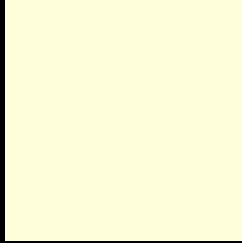
Large Text (above 18pt) WCAG AA × Fail

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, 18.239, 106.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

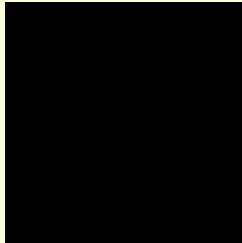
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 18.239, 106.470

Background



This preview shows how black text looks on a background with the CIELCh color 99, 18.239, 106.470.



This preview shows how white text looks on a background with the CIELCh color 99, 18.239, 106.470.

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, 18.217, 107.636



Protanopia
99, 4.181, 95.099

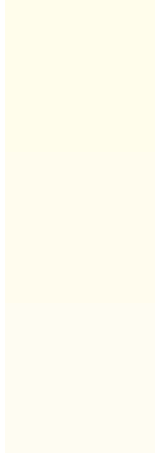
Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.311, 317.261

Trichromacy



Original Color
99, 18.217, 107.636



Protanomaly
99, 9.146, 104.969

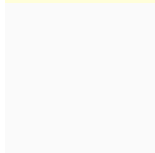
Deuteranomaly
99, 7.172, 101.013

Tritanomaly
99, 5.113, 101.781

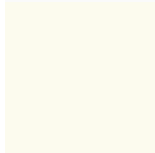
Monochromacy



Original Color
99, 18.217, 107.636



Achromatopsia
98, 0.011, 296.813



Achromatomaly
98, 6.605, 106.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 18.239, 106.470 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(255, 254, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 218)  
}
```

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(255, 254, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 18.239, 106.470 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(255, 254, 218) }
```

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

```
.border{ border-color:rgb(255, 254, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 18.239, 106.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 218) }
```

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

```
.background{ background-color: rgb(255,  
254, 218) }
```

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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