

Converting Colors

CIE LCh(99, 1.067, 129.168)

Have a look what the booklet for
CIELCh(99, 1.067, 129.168) contains.

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Color

CIELCh(99, 1.069, 129.166)

Conversions

Conversions Part 1

Format	Color
Hex	FBFCFA
RGB	251, 252, 250
RGB Percent	98%, 99%, 98%
CMY	0.0139, 0.0099, 0.0178
CMYK	0.00, 0.00, 0.01, 0.01
HSL	90°, 28%, 99%
HSV	90°, 1%, 99%
XYZ	92.2321, 97.4360, 104.7664
YIQ	251.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

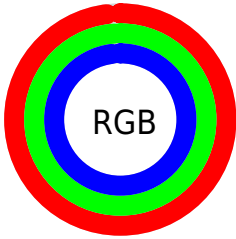
Format	Color
R_{YB}	250, 252, 251
Decimal	16514298
CIE Lab	99.00, -0.68, 0.83
CIE LCh	99, 1.069, 129.166
Yxy	97.4360, 0.3133, 0.3309
Android (android.graphics.Color)	4294704378 (0xFFFBFCFA)
YUV	251.4730, -0.7262, -0.4148
Hunter-Lab	98.7097, -5.9556, 6.1688

Details

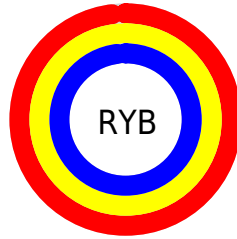
The CIELCh color 99, 1.069, 129.166 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 1.095, 309.014, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 0.524, 110.009 is the 20% darker color. If you saturate the color by 10%, you get 98, 14.739, 128.634, and if you desaturate by 10%, it is 99, 1.581, 324.301.

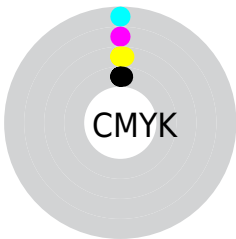
Distribution



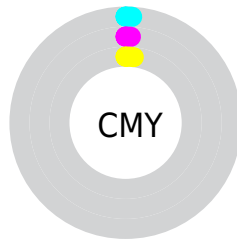
- Red (98%)
- Green (99%)
- Blue (98%)



- Red (98%)
- Yellow (99%)
- Blue (98%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 1.069, 129.166 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, 1.069, 129.166 by changing the saturation by 10% instead.

 99, 1.069, 129.166

 99, 1.069, 129.166

 100, 1.069,
129.166

 89, 1.069, 129.166

 79, 1.069, 129.166

 69, 1.069, 129.166

 59, 1.069, 129.166

 49, 1.069, 129.166

 39, 1.069, 129.166

 29, 1.069, 129.166

 19, 1.069, 129.166

 9, 1.069, 129.166

99, 1.069, 129.166

99, 1.069, 129.166

98, 14.739,
128.634

99, 1.581, 324.301

96, 28.410,
128.153

95, 41.968,
127.660

94, 55.248,
127.179

93, 68.008,
126.750

92, 79.899,
126.441

91, 90.436,
126.351

90, 99.024,
126.608

■ 90, 105.133,
127.335

Harmonies

Complementary

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



99, 1.069, 129.166



99, 1.095, 309.014

Rectangle

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



99, 1.069, 129.166



99, 1.069, 179.166



99, 1.069, 309.166



99, 1.069, 359.166

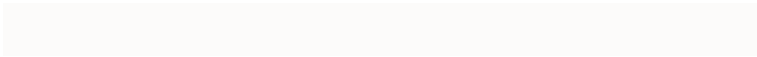
Sweetspot

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



99, 1.072, 129.205

100, 0.012, 296.813



99, 0.607, 74.602



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

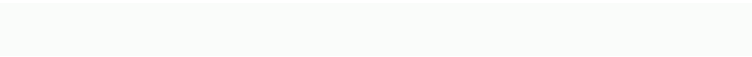
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 1.072, 129.205



100, 1.363, 129.169



99, 1.235, 144.646



53, 0.775, 129.177



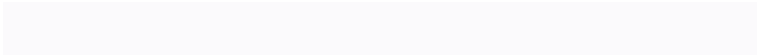
69, 87.932, 128.121



23, 39.117, 126.572

Inverse Universe

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



99, 1.095, 309.014



99, 1.387, 309.049



99, 1.256, 324.242



53, 0.789, 309.042



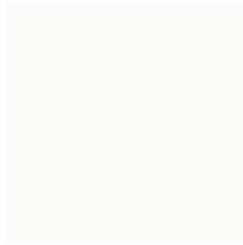
30, 100.508, 311.896



6, 44.899, 312.909

Previews

White Background



This preview shows how the CIE LCh color 99, 1.069, 129.166 looks on a white background.

Color Contrast Check

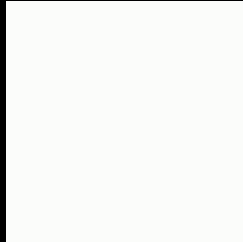
Large Text (above 18pt) WCAG AA × Fail

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, 1.069, 129.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

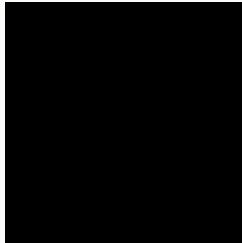
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

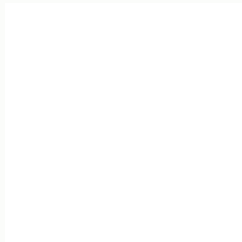
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 1.069, 129.166

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.069, 129.166.



This preview shows how white text looks on a background with the CIELCh color 99, 1.069, 129.166.

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, 1.069, 129.166

Protanopia

99, 1.406, 19.030

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 1.069, 129.166

Protanomaly

99, 0.856, 54.923

Deuteranomaly

99, 0.856, 54.923

Tritanomaly

99, 0.520, 290.363

Monochromacy

Original Color

99, 1.069, 129.166

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.497, 109.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 1.069, 129.166 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, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(251, 252, 250)  
}
```

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, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 1.069, 129.166 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, 252, 250) }
```

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

```
.border{ border-color:rgb(251, 252, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 252, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(251, 252,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 1.069, 129.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 252, 250) }
```

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

```
.background{ background-color: rgb(251,  
252, 250) }
```

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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