

Converting Colors

CIE LCh(99, 2.189, 163.708)

Have a look what the booklet for
CIELCh(99, 2.189, 163.708) contains.

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Color

CIELCh(99, 2.026, 169.501)

Conversions

Conversions Part 1

Format	Color
Hex	F8FDFB
RGB	248, 253, 251
RGB Percent	97%, 99%, 98%
CMY	0.0263, 0.0066, 0.0145
CMYK	0.02, 0.00, 0.01, 0.01
HSL	156°, 60%, 98%
HSV	156°, 2%, 99%
XYZ	91.4980, 97.4360, 105.4998
YIQ	251.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

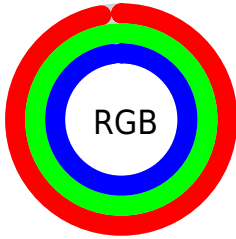
Format	Color
R_{YB}	248, 251, 253
Decimal	16317947
CIE Lab	99.00, -1.99, 0.37
CIE LCh	99, 2.026, 169.501
Yxy	97.4360, 0.3108, 0.3309
Android (android.graphics.Color)	4294508027 (0xFFF8FDFB)
YUV	251.2770, -0.1366, -2.8739
Hunter-Lab	98.7097, -7.2832, 5.7283

Details

The CIELCh color 99, 2.026, 169.501 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.050, 349.302, 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, 1.560, 179.647 is the 20% darker color. If you saturate the color by 10%, you get 97, 12.302, 168.334, and if you desaturate by 10%, it is 100, 1.060, 324.187.

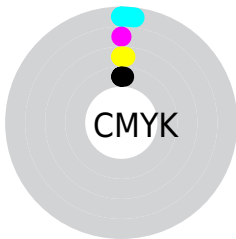
Distribution



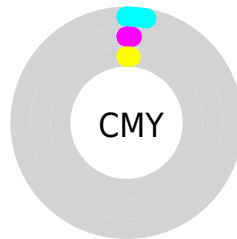
- Red (97%)
- Green (99%)
- Blue (98%)



- Red (97%)
- Yellow (98%)
- Blue (99%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (3%)
- Magenta (1%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.026, 169.501 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, 2.026, 169.501 by changing the saturation by 10% instead.

 99, 2.026, 169.501

 99, 2.026, 169.501

 100, 2.026,
169.501

 89, 2.026, 169.501

 79, 2.026, 169.501

 69, 2.026, 169.501

 59, 2.026, 169.501

 49, 2.026, 169.501

 39, 2.026, 169.501

 29, 2.026, 169.501

 19, 2.026, 169.501

 9, 2.026, 169.501

99, 2.026, 169.501

99, 2.026, 169.501

97, 12.302,
168.334

100, 1.060,
324.187

95, 22.439,
167.310

94, 32.293,
166.195


92, 41.695,
164.959

91, 50.470,
163.576

90, 58.449,
162.018

89, 65.499,
160.262

89, 71.552,
158.292

 89, 76.626,
156.109

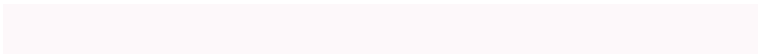
Harmonies

Complementary

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



99, 2.026, 169.501



98, 2.050, 349.302

Rectangle

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



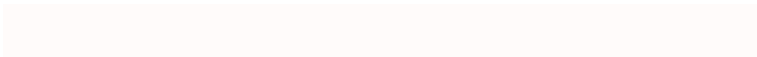
99, 2.026, 169.501



99, 2.026, 219.501



99, 2.026, 349.501



99, 2.026, 39.501

Sweetspot

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



99, 2.028, 169.470



100, 1.028, 169.812



99, 2.744, 131.907



53, 0.584, 169.843



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, 2.028, 169.470



100, 2.064, 169.465



99, 1.607, 207.310



53, 1.173, 169.487



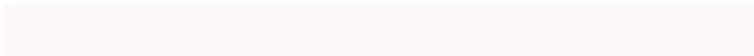
68, 64.362, 154.684



23, 27.957, 157.885

Inverse Universe

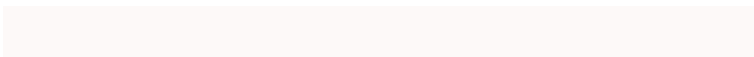
The Inverse Universe completely reimagines the original color for something new.



98, 2.050, 349.302



99, 2.085, 349.308



98, 1.627, 26.603



53, 1.186, 349.286



41, 68.320, 11.761



10, 31.302, 4.748

Previews

White Background



This preview shows how the CIElCh color 99, 2.026, 169.501 looks on a white background.

Color Contrast Check

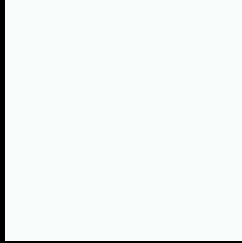
Large Text (above 18pt) WCAG AA × Fail

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, 2.026, 169.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

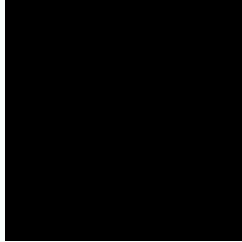
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.026, 169.501

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.026, 169.501.



This preview shows how white text looks on a background with the CIELCh color 99, 2.026, 169.501.

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

A vertical bar on the left side of the page is divided into three colored sections: a light green top section, a light red middle section, and a light yellow bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 2.026, 169.501

Protanopia

99, 1.406, 19.030

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 2.026, 169.501

Protanomaly

99, 0.605, 74.599

Deuteranomaly

99, 0.352, 17.560

Tritanomaly

99, 1.081, 271.537

Monochromacy

Original Color

99, 2.026, 169.501

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.348, 201.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.026, 169.501 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(248, 253, 251)` looks like.

```
.text, #text, p{  
    color:rgb(248, 253, 251)  
}
```

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(248, 253, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 253, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.026, 169.501 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(248, 253, 251) }
```

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

```
.border{ border-color:rgb(248, 253, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 253, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 253, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 253, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 253,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.026, 169.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 253, 251) }
```

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

```
.background{ background-color: rgb(248,  
253, 251) }
```

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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