

Converting Colors

CIELCh(99, 3.595, 187.722)

Have a look what the booklet for
CIELCh(99, 3.595, 187.722) contains.

CIELCh(99, 3.509, 191.026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(99, 3.509, 191.026)

Conversions

Conversions Part 1

Format	Color
Hex	F4FEFD
RGB	244, 254, 253
RGB Percent	96%, 100%, 99%
CMY	0.0421, 0.0029, 0.0068
CMYK	0.04, 0.00, 0.00, 0.00
HSL	174°, 87%, 98%
HSV	174°, 4%, 100%
XYZ	90.6929, 97.4360, 107.1722
YIQ	250.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

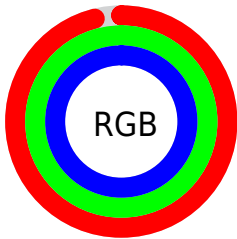
Format	Color
R _Y B	244, 249, 254
Decimal	16056061
CIE Lab	99.00, -3.44, -0.67
CIE LCh	99, 3.509, 191.026
Yxy	97.4360, 0.3071, 0.3300
Android (android.graphics.Color)	4294246141 (0xFF4FEFD)
YUV	250.8960, 1.0373, -6.0478
Hunter-Lab	98.7097, -8.7389, 4.7238

Details

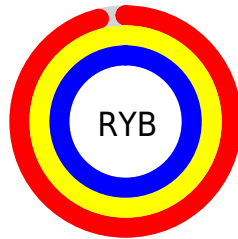
The CIELCh color 99, 3.509, 191.026 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 3.586, 11.259, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.320, 190.049 is the 20% darker color. If you saturate the color by 10%, you get 97, 12.201, 190.085, and if you desaturate by 10%, it is 100, 0.466, 323.793.

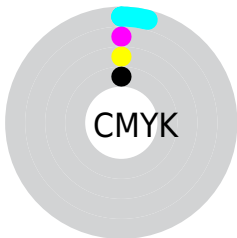
Distribution



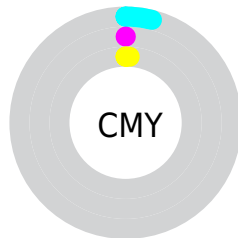
- Red (96%)
- Green (100%)
- Blue (99%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.509, 191.026 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, 3.509, 191.026 by changing the saturation by 10% instead.

 99, 3.509, 191.026

 99, 3.509, 191.026

 100, 3.509,
191.026

 89, 3.509, 191.026

 79, 3.509, 191.026

 69, 3.509, 191.026

 59, 3.509, 191.026

 49, 3.509, 191.026

 39, 3.509, 191.026

 29, 3.509, 191.026

 19, 3.509, 191.026

 9, 3.509, 191.026

99, 3.509, 191.026

99, 3.509, 191.026

97, 12.201,
190.085

100, 0.466,
323.793

96, 20.437,
189.272

94, 28.071,
188.457

93, 34.950,
187.625

92, 40.930,
186.763

91, 45.894,
185.859

91, 49.773,
184.893

91, 52.563,
183.848

■ 90, 54.346,
182.705

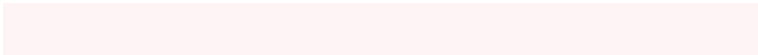
Harmonies

Complementary

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



99, 3.509, 191.026



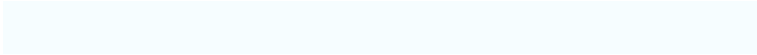
97, 3.586, 11.259

Rectangle

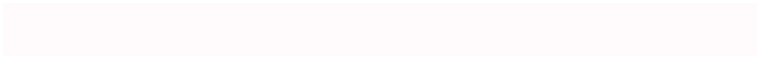
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



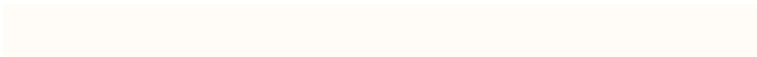
99, 3.509, 191.026



99, 3.509, 241.026



99, 3.509, 11.026



99, 3.509, 61.026

Sweetspot

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



99, 3.511, 190.996



100, 0.896, 191.758



99, 5.985, 141.096



53, 0.509, 191.799



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, 3.511, 190.996



99, 4.464, 190.874



98, 2.876, 242.457



53, 3.042, 190.802



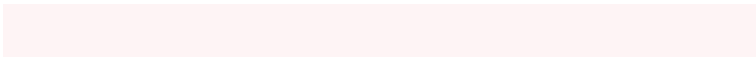
70, 44.367, 182.195



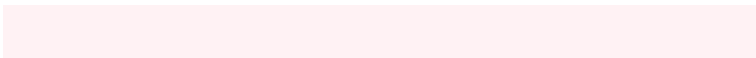
23, 20.139, 183.759

Inverse Universe

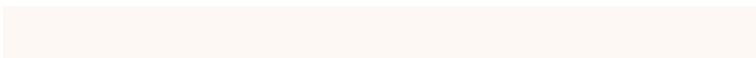
The Inverse Universe completely reimagines the original color for something new.



97, 3.586, 11.259



97, 4.583, 11.387



98, 2.912, 61.299



51, 3.134, 11.464



40, 79.959, 35.936



10, 32.599, 23.100

Previews

White Background



This preview shows how the CIElCh color 99, 3.509, 191.026 looks on a white background.

Color Contrast Check

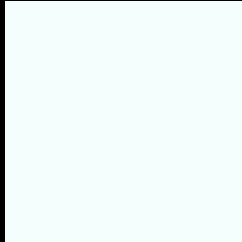
Large Text (above 18pt) WCAG AA × Fail

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, 3.509, 191.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

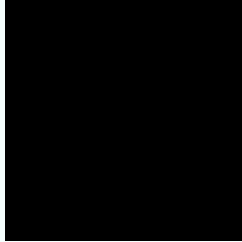
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.509, 191.026

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.509, 191.026.



This preview shows how white text looks on a background with the CIELCh color 99, 3.509, 191.026.

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 rectangular area divided into three colored sections: a light cyan top section, a light pink middle section, and a light orange bottom section. To the right of each section is text describing the color and its corresponding L and M cone photoreceptor values.

Original Color
99, 3.509, 191.026

Protanopia
99, 1.406, 19.030

Deuteranopia
99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 3.509, 191.026

Protanomaly

99, 0.348, 201.271

Deuteranomaly

99, 0.348, 201.271

Tritanomaly

99, 1.476, 219.962

Monochromacy



Original Color

99, 3.509, 191.026



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.045, 199.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.509, 191.026 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(244, 254, 253)` looks like.

```
.text, #text, p{  
    color:rgb(244, 254, 253)  
}
```

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(244, 254, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 254, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.509, 191.026 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(244, 254, 253) }
```

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

```
.border{ border-color:rgb(244, 254, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 254, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 254, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 254, 253);  
box-shadow:4px 4px 4px 4px rgb(244, 254,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.509, 191.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 254, 253) }
```

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

```
.background{ background-color: rgb(244,  
254, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor