

Converting Colors

CIELCh(99, 3.656, 201.349)

Have a look what the booklet for
CIELCh(99, 3.656, 201.349) contains.

CIELCh(99, 3.484, 207.788)	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, 3.484, 207.788)

Conversions

Conversions Part 1

Format	Color
Hex	F4FEFF
RGB	244, 254, 255
RGB Percent	96%, 100%, 100%
CMY	0.0427, 0.0035, 0.0000
CMYK	0.04, 0.00, 0.00, 0.00
HSL	185°, 100%, 98%
HSV	185°, 4%, 100%
XYZ	90.8932, 97.4360, 108.7199
YIQ	251.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

Format	Color
R_{YB}	244, 249, 255
Decimal	16056063
CIE _{Lab}	99.00, -3.08, -1.62
CIE _{LCh}	99, 3.484, 207.788
Yxy	97.4360, 0.3060, 0.3280
Android (android.graphics.Color)	4294246143 (0xFF4FEFF)
YUV	251.1240, 1.9109, -6.2477
Hunter-Lab	98.7097, -8.3768, 3.7941

Details

The CIELCh color 99, 3.484, 207.788 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 3.575, 26.665, 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, 3.291, 208.677 is the 20% darker color. If you saturate the color by 10%, you get 97, 11.321, 206.439, and if you desaturate by 10%, it is 100, 0.012, 296.813.

Distribution



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



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.484, 207.788 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, 3.484, 207.788 by changing the saturation by 10% instead.

 99, 3.484, 207.788

 99, 3.484, 207.788

 100, 3.484,
207.788

 89, 3.484, 207.788

 79, 3.484, 207.788

 69, 3.484, 207.788

 59, 3.484, 207.788

 49, 3.484, 207.788

 39, 3.484, 207.788

 29, 3.484, 207.788

 19, 3.484, 207.788

 9, 3.484, 207.788

99, 3.484, 207.788

99, 3.484, 207.788

97, 11.321,
206.439

100, 0.012,
296.813

95, 18.633,
206.284

93, 25.280,
206.251

91, 31.126,
206.358

90, 36.042,
206.628

88, 39.929,
207.091

87, 42.729,
207.779

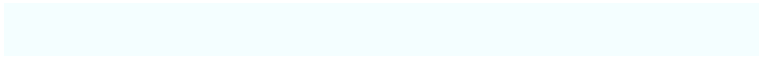
86, 44.452,
208.721

■ 86, 45.189,
209.939

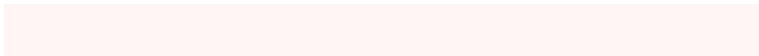
Harmonies

Complementary

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



99, 3.484, 207.788



97, 3.575, 26.665

Rectangle

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



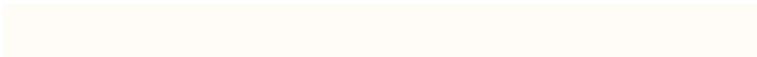
99, 3.484, 207.788



99, 3.484, 257.788



99, 3.484, 27.788



99, 3.484, 77.788

Sweetspot

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



99, 3.479, 206.791



100, 0.821, 207.500



99, 6.457, 146.087



53, 0.467, 207.543



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

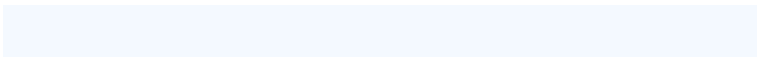
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 3.479, 206.791



99, 4.067, 206.744



98, 3.528, 262.935



53, 2.770, 206.707



66, 36.532, 210.468



22, 16.968, 208.606

Inverse Universe

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



97, 6.415, 326.895



97, 7.516, 326.944



99, 3.533, 81.631



51, 5.130, 326.990



45, 87.344, 331.749



12, 40.491, 331.292

Previews

White Background



This preview shows how the CIE LCh color 99, 3.484, 207.788 looks on a white background.

Color Contrast Check

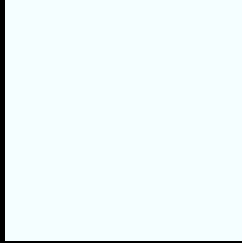
Large Text (above 18pt) WCAG AA × Fail

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, 3.484, 207.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

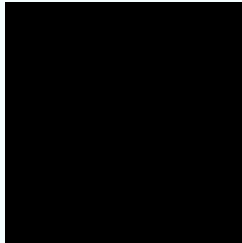
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.484, 207.788

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.484, 207.788.



This preview shows how white text looks on a background with the CIELCh color 99, 3.484, 207.788.

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, 3.484, 207.788



Protanopia
99, 1.748, 343.501

Deuteranopia
99, 1.748, 343.501

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 3.484, 207.788

Protanomaly

99, 1.081, 271.537

Deuteranomaly

99, 1.081, 271.537

Tritanomaly

99, 2.000, 230.270

Monochromacy



Original Color

99, 3.484, 207.788



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.392, 199.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.484, 207.788 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 254, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 254, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.484, 207.788 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, 255) }
```

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

```
.border{ border-color:rgb(244, 254, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 254,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.484, 207.788 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, 255) }
```

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

```
.background{ background-color: rgb(244,  
254, 255) }
```

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