

Converting Colors

CIELCh(99, 3.674, 184.340)

Have a look what the booklet for
CIELCh(99, 3.674, 184.340) contains.

CIELCh(99, 3.630, 183.068)	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, 3.630, 183.068)

Conversions

Conversions Part 1

Format	Color
Hex	F4FEFC
RGB	244, 254, 252
RGB Percent	96%, 100%, 99%
CMY	0.0418, 0.0026, 0.0105
CMYK	0.04, 0.00, 0.01, 0.00
HSL	168°, 88%, 98%
HSV	168°, 4%, 100%
XYZ	90.5932, 97.4360, 106.4034
YIQ	250.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

Format	Color
R_{YB}	244, 250, 254
Decimal	16056060
CIE _{Lab}	99.00, -3.62, -0.19
CIE _{LCh}	99, 3.630, 183.068
Yxy	97.4360, 0.3077, 0.3309
Android (android.graphics.Color)	4294246140 (0xFFFF4FEFC)
YUV	250.7820, 0.6005, -5.9478
Hunter-Lab	98.7097, -8.9193, 5.1855

Details

The CIELCh color 99, 3.630, 183.068 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 3.696, 3.419, 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, 3.459, 181.308 is the 20% darker color. If you saturate the color by 10%, you get 97, 12.707, 182.008, and if you desaturate by 10%, it is 100, 0.421, 323.720.

Distribution



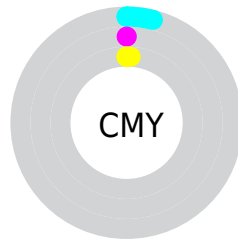
- Red (96%)
- Green (100%)
- Blue (99%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.630, 183.068 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, 3.630, 183.068 by changing the saturation by 10% instead.

 99, 3.630, 183.068

 99, 3.630, 183.068

 100, 3.630,
183.068

 89, 3.630, 183.068

 79, 3.630, 183.068

 69, 3.630, 183.068

 59, 3.630, 183.068

 49, 3.630, 183.068

 39, 3.630, 183.068

 29, 3.630, 183.068

 19, 3.630, 183.068

 9, 3.630, 183.068

99, 3.630, 183.068

99, 3.630, 183.068

97, 12.707,
182.008

100, 0.421,
323.720

96, 21.433,
181.025

94, 29.660,
179.994


93, 37.230,
178.892

92, 43.988,
177.699

91, 49.802,
176.391

90, 54.584,
174.945

90, 58.315,
173.337

 90, 61.065,
171.555

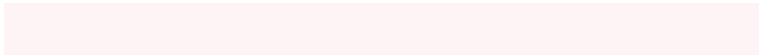
Harmonies

Complementary

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



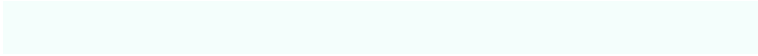
99, 3.630, 183.068



97, 3.696, 3.419

Rectangle

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



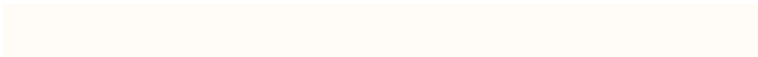
99, 3.630, 183.068



99, 3.630, 233.068



99, 3.630, 3.068



99, 3.630, 53.068

Sweetspot

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



99, 3.632, 183.043



100, 0.924, 183.798



99, 5.806, 138.179



53, 0.525, 183.837



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

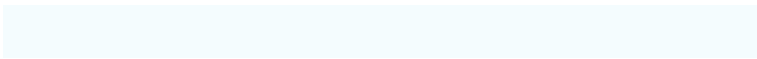
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 3.632, 183.043



99, 4.621, 182.912



98, 2.854, 229.960



53, 3.151, 182.832



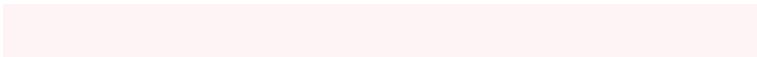
69, 50.127, 170.763



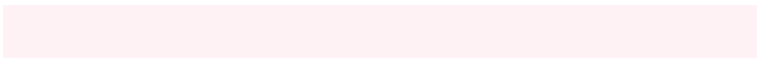
23, 22.366, 173.275

Inverse Universe

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



97, 3.696, 3.419



97, 4.719, 3.555



98, 2.908, 49.052



51, 3.225, 3.638



40, 74.929, 29.572



10, 31.982, 18.718

Previews

White Background



This preview shows how the CIE LCh color 99, 3.630, 183.068 looks on a white background.

Color Contrast Check

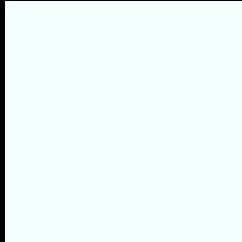
Large Text (above 18pt) WCAG AA × Fail

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, 3.630, 183.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

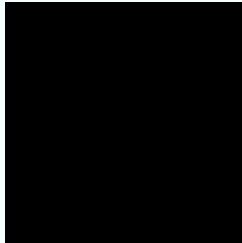
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.630, 183.068

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.630, 183.068.



This preview shows how white text looks on a background with the CIELCh color 99, 3.630, 183.068.

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. Each section contains text describing a color vision condition and its associated numerical values.

Original Color

99, 3.630, 183.068

Protanopia

99, 1.406, 19.030

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 3.630, 183.068

Protanomaly

99, 0.611, 144.922

Deuteranomaly

99, 0.348, 201.271

Tritanomaly

99, 1.476, 219.962

Monochromacy



Original Color

99, 3.630, 183.068



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.165, 174.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.630, 183.068 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(244, 254, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 254, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.630, 183.068 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, 252) }
```

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

```
.border{ border-color:rgb(244, 254, 252) }
```

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, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 254, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 254, 252);  
box-shadow:4px 4px 4px 4px rgb(244, 254,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.630, 183.068 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, 252) }
```

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

```
.background{ background-color: rgb(244,  
254, 252) }
```

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