

Converting Colors

CIELCh(99, 3.694, 173.504)

Have a look what the booklet for
CIELCh(99, 3.694, 173.504) contains.

CIELCh(99, 3.500, 173.528)	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, 3.500, 173.528)

Conversions

Conversions Part 1

Format	Color
Hex	F5FEFB
RGB	245, 254, 251
RGB Percent	96%, 100%, 98%
CMY	0.0384, 0.0031, 0.0149
CMYK	0.04, 0.00, 0.01, 0.00
HSL	160°, 85%, 98%
HSV	160°, 4%, 100%
XYZ	90.6744, 97.4360, 105.4593
YIQ	250.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

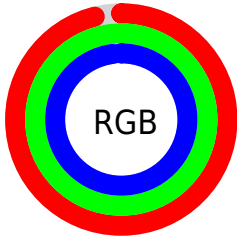
Format	Color
R_{YB}	245, 250, 254
Decimal	16121595
CIE _{Lab}	99.00, -3.48, 0.39
CIE _{LCh}	99, 3.500, 173.528
Yxy	97.4360, 0.3089, 0.3319
Android (android.graphics.Color)	4294311675 (0xFF5FEFB)
YUV	250.9670, 0.0163, -5.2331
Hunter-Lab	98.7097, -8.7724, 5.7527

Details

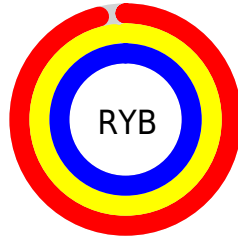
The CIELCh color 99, 3.500, 173.528 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 3.545, 353.840, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.117, 179.309 is the 20% darker color. If you saturate the color by 10%, you get 97, 13.331, 172.439, and if you desaturate by 10%, it is 100, 0.503, 323.844.

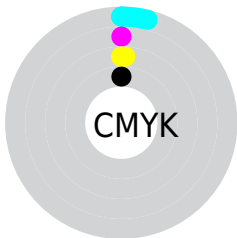
Distribution



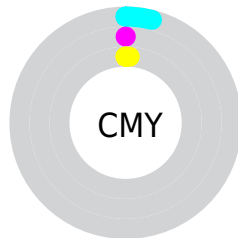
- Red (96%)
- Green (100%)
- Blue (98%)



- 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, 3.500, 173.528 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, 3.500, 173.528 by changing the saturation by 10% instead.

 99, 3.500, 173.528

 99, 3.500, 173.528

 100, 3.500,
173.528

 89, 3.500, 173.528

 79, 3.500, 173.528

 69, 3.500, 173.528

 59, 3.500, 173.528

 49, 3.500, 173.528

 39, 3.500, 173.528

 29, 3.500, 173.528

 19, 3.500, 173.528

 9, 3.500, 173.528

99, 3.500, 173.528

99, 3.500, 173.528

97, 13.331,
172.439

100, 0.503,
323.844

95, 22.945,
171.391

94, 32.194,
170.259

93, 40.914,
169.015

91, 48.933,
167.633

91, 56.101,
166.088

90, 62.304,
164.353

89, 67.497,
162.412

 89, 71.730,
160.263

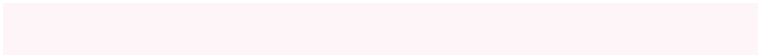
Harmonies

Complementary

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



99, 3.500, 173.528



97, 3.545, 353.840

Rectangle

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



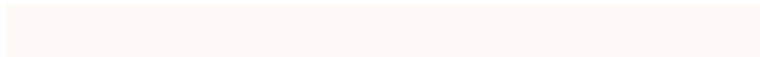
99, 3.500, 173.528



99, 3.500, 223.528



99, 3.500, 353.528



99, 3.500, 43.528

Sweetspot

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



99, 3.502, 173.508



100, 0.987, 174.146



99, 5.030, 134.023



53, 0.561, 174.180



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, 3.502, 173.508



99, 3.964, 173.447



99, 2.729, 214.096



53, 2.817, 173.356



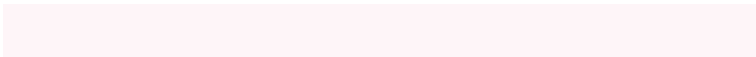
69, 59.392, 159.228



23, 25.985, 162.317

Inverse Universe

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



97, 3.545, 353.840



97, 4.015, 353.901



98, 2.788, 33.619



51, 2.857, 353.994



40, 69.647, 18.164



10, 31.346, 10.281

Previews

White Background



This preview shows how the CIE LCh color 99, 3.500, 173.528 looks on a white background.

Color Contrast Check

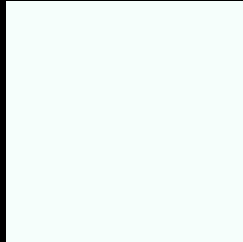
Large Text (above 18pt) WCAG AA × Fail

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, 3.500, 173.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

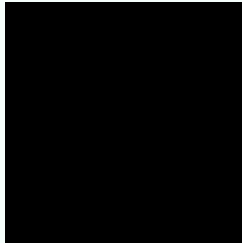
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.500, 173.528

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.500, 173.528.

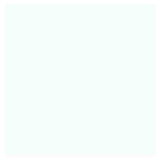


This preview shows how white text looks on a background with the CIELCh color 99, 3.500, 173.528.

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, 3.500, 173.528



Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 3.500, 173.528

Protanomaly

99, 1.069, 129.166

Deuteranomaly

99, 0.348, 201.271

Tritanomaly

99, 1.476, 219.962

Monochromacy



Original Color

99, 3.500, 173.528



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, 3.500, 173.528 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(245, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 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(245, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.500, 173.528 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(245, 254, 251) }
```

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

```
.border{ border-color:rgb(245, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.500, 173.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 251) }
```

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

```
.background{ background-color: rgb(245,  
254, 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](#).

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