

Converting Colors

CIELCh(99, 3.560, 115.195)

Have a look what the booklet for
CIELCh(99, 3.560, 115.195) contains.

CIELCh(99, 3.566, 115.570)	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, 3.566, 115.570)

Conversions

Conversions Part 1

Format	Color
Hex	FCFDF6
RGB	252, 253, 246
RGB Percent	99%, 99%, 96%
CMY	0.0125, 0.0086, 0.0360
CMYK	0.00, 0.00, 0.03, 0.01
HSL	69°, 62%, 98%
HSV	69°, 3%, 99%
XYZ	91.7500, 97.4360, 101.0110
YIQ	251.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

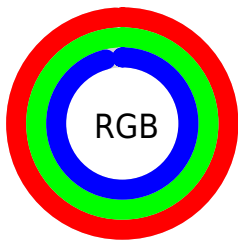
Format	Color
RYB	246, 253, 247
Decimal	16580086
CIELab	99.00, -1.54, 3.22
CIELCh	99, 3.566, 115.570
Yxy	97.4360, 0.3162, 0.3358
Android (android.graphics.Color)	4294770166 (0xFFFCDF6)
YUV	251.9030, -2.9102, 0.0851
Hunter-Lab	98.7097, -6.8273, 8.4245

Details

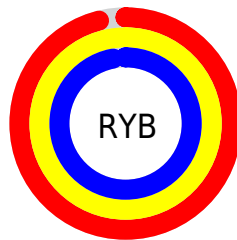
The CIELCh color 99, 3.566, 115.570 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 3.611, 296.016, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.214, 116.489 is the 20% darker color. If you saturate the color by 10%, you get 98, 16.463, 114.835, and if you desaturate by 10%, it is 99, 1.362, 324.262.

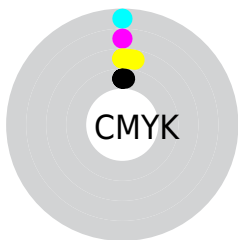
Distribution



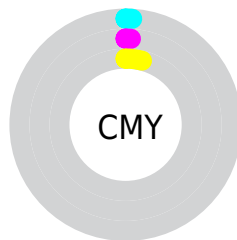
- Red (99%)
- Green (99%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (97%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.566, 115.570 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, 3.566, 115.570 by changing the saturation by 10% instead.

 99, 3.566, 115.570

 99, 3.566, 115.570

 100, 3.566,
115.570

 89, 3.566, 115.570

 79, 3.566, 115.570

 69, 3.566, 115.570

 59, 3.566, 115.570

 49, 3.566, 115.570

 39, 3.566, 115.570

 29, 3.566, 115.570

 19, 3.566, 115.570

 9, 3.566, 115.570

99, 3.566, 115.570

99, 3.566, 115.570

98, 16.463,
114.835

99, 1.362, 324.262

97, 29.254,
114.065

97, 41.830,
113.303

96, 54.023,
112.574

96, 65.579,
111.917

95, 76.116,
111.385

95, 85.104,
111.047

94, 91.929,
110.986

■ 94, 96.114,
111.271

Harmonies

Complementary

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



99, 3.566, 115.570



97, 3.611, 296.016

Rectangle

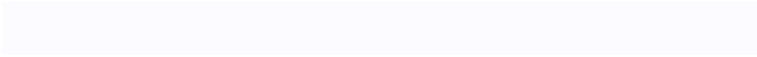
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 3.566, 115.570



99, 3.566, 165.570



99, 3.566, 295.570



99, 3.566, 345.570

Sweetspot

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



99, 3.568, 115.592



100, 1.290, 115.719



98, 2.190, 31.780



53, 0.733, 115.722



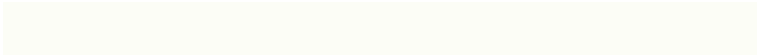
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 3.568, 115.592



100, 3.892, 115.575



99, 3.895, 133.521



53, 2.952, 115.515



73, 79.161, 111.533



25, 35.855, 110.799

Inverse Universe

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



97, 3.611, 296.016



98, 3.939, 296.034



97, 3.926, 313.651



52, 2.989, 296.096



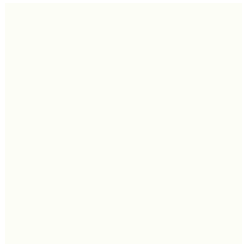
24, 106.842, 306.834



4, 44.448, 304.508

Previews

White Background



This preview shows how the CIE LCh color 99, 3.566, 115.570 looks on a white background.

Color Contrast Check

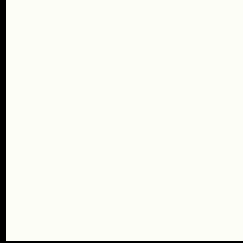
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 99, 3.566, 115.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

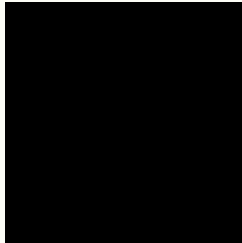
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.566, 115.570

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.566, 115.570.



This preview shows how white text looks on a background with the CIELCh color 99, 3.566, 115.570.

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, 3.566, 115.570

Protanopia

99, 1.836, 74.893

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color

99, 3.566, 115.570

Protanomaly

99, 2.134, 90.698

Deuteranomaly

99, 1.220, 74.868

Tritanomaly

99, 0.352, 17.560

Monochromacy

Original Color

99, 3.566, 115.570

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.005, 110.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.566, 115.570 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(252, 253, 246)` looks like.

```
.text, #text, p{  
    color:rgb(252, 253, 246)  
}
```

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(252, 253, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 253, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.566, 115.570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

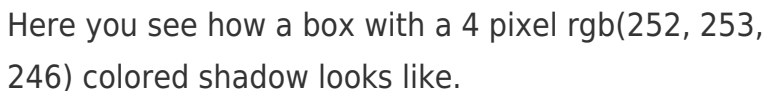
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 253, 246) }
```

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

```
.border{ border-color:rgb(252, 253, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(252, 253, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 253, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 253, 246); box-shadow:4px 4px 4px 4px rgb(252, 253, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.566, 115.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 253, 246) }
```

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

```
.background{ background-color: rgb(252,  
253, 246) }
```

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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