

Converting Colors

CIELCh(100, 7.462, 19.117)

Have a look what the booklet for
CIELCh(100, 7.462, 19.117) contains.

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Color

CIELCh(99, 1.838, 3.095)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFFBFC |
| RGB | 255, 251, 252 |
| RGB Percent | 100%, 98%, 99% |
| CMY | 0.0000, 0.0158, 0.0119 |
| CMYK | 0.00, 0.02, 0.01, 0.00 |
| HSL | 345°, 100%, 99% |
| HSV | 345°, 2%, 100% |
| XYZ | 93.6425, 97.4360, 105.9321 |
| YIQ | 252.3100, 2.0630, 1.1590 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 251, 252 |
| Decimal | 16776188 |
| CIE Lab | 99.00, 1.84, 0.10 |
| CIE LCh | 99, 1.838, 3.095 |
| Yxy | 97.4360, 0.3153, 0.3281 |
| Android (android.graphics.Color) | 4294966268 (0xFFFFBFC) |
| YUV | 252.3100, -0.1528, 2.3591 |
| Hunter-Lab | 98.7097, -3.4051, 5.4687 |

Details

The CIELCh color 99, 1.838, 3.095 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 100, 1.496, 180.001, 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, 1.105, 19.002 is the 20% darker color. If you saturate the color by 10%, you get 92, 11.319, 0.829, and if you desaturate by 10%, it is 100, 0.012, 296.813.

Distribution



Red (100%)

Green (98%)

Blue (99%)



Red (100%)

Yellow (98%)

Blue (99%)



Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 1.838, 3.095 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, 1.838, 3.095 by changing the saturation by 10% instead.

 99, 1.838, 3.095

 99, 1.838, 3.095

100, 1.838, 3.095

 89, 1.838, 3.095

 79, 1.838, 3.095

 69, 1.838, 3.095

 59, 1.838, 3.095

 49, 1.838, 3.095

 39, 1.838, 3.095

 29, 1.838, 3.095

 19, 1.838, 3.095

 9, 1.838, 3.095

99, 1.838, 3.095

99, 1.838, 3.095

92, 11.319, 0.829

100, 0.012,
296.813

86, 21.567, 2.008

79, 32.161, 3.390

73, 42.914, 5.061

68, 53.523, 7.130

63, 63.578, 9.735

59, 72.616, 13.044

56, 80.281, 17.211

54, 86.525, 22.275

Harmonies

Complementary

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



99, 1.838, 3.095



100, 1.496, 180.001

Rectangle

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



99, 1.838, 3.095



99, 1.838, 53.095



99, 1.838, 183.095



99, 1.838, 233.095

Sweetspot

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



99, 1.514, 359.501

100, 0.012, 296.813



99, 2.332, 317.262



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



99, 1.514, 359.501



99, 1.913, 359.622



99, 1.171, 44.807



53, 1.088, 359.596



40, 72.761, 25.885



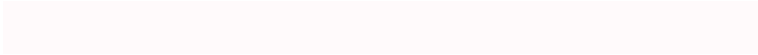
10, 31.717, 16.177

Inverse Universe

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



99, 1.514, 359.501



99, 1.913, 359.622



99, 1.168, 226.030



53, 1.088, 359.596



40, 72.761, 25.885



10, 31.717, 16.177

Previews

White Background



This preview shows how the CIE LCh color 99, 1.838, 3.095 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, 1.838, 3.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

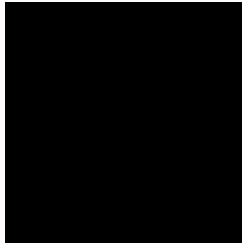
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 1.838, 3.095

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.838, 3.095.



This preview shows how white text looks on a background with the CIELCh color 99, 1.838, 3.095.

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, 1.502, 359.268

Protanopia

99, 1.502, 359.268

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 2.171, 309.072

Trichromacy

Original Color

99, 1.502, 359.268

Protanomaly

99, 1.502, 359.268

Deuteranomaly

99, 1.502, 359.268

Tritanomaly

99, 1.872, 324.343

Monochromacy

Original Color

99, 1.502, 359.268

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.352, 17.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 1.838, 3.095 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(255, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 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(255, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 1.838, 3.095 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(255, 251, 252) }
```

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

```
.border{ border-color:rgb(255, 251, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 1.838, 3.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 252) }
```

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

```
.background{ background-color: rgb(255,  
251, 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](#).

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