

Converting Colors

CIELCh(100, 5.192, 69.193)

Have a look what the booklet for
CIELCh(100, 5.192, 69.193) contains.

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Color

CIELCh(99, 3.606, 98.573)

Conversions

Conversions Part 1

Format	Color
Hex	FEFCF5
RGB	254, 252, 245
RGB Percent	100%, 99%, 96%
CMY	0.0032, 0.0111, 0.0385
CMYK	0.00, 0.01, 0.04, 0.00
HSL	47°, 84%, 98%
HSV	47°, 4%, 100%
XYZ	92.3091, 97.4360, 100.4699
YIQ	251.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

Format	Color
RYB	248, 254, 245
Decimal	16710901
CIELab	99.00, -0.54, 3.57
CIElCh	99, 3.606, 98.573
Yxy	97.4360, 0.3181, 0.3357
Android (android.graphics.Color)	4294900981 (0xFFFEFCF5)
YUV	251.8000, -3.3524, 1.9294
Hunter-Lab	98.7097, -5.8164, 8.7495

Details

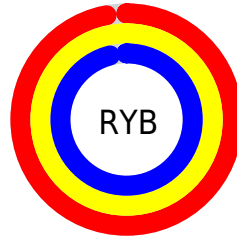
The CIELCh color 99, 3.606, 98.573 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 3.640, 279.538, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.268, 96.705 is the 20% darker color. If you saturate the color by 10%, you get 97, 13.905, 97.468, and if you desaturate by 10%, it is 100, 0.287, 201.696.

Distribution



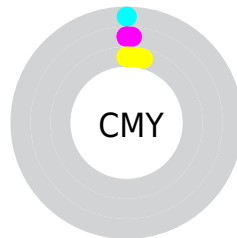
- Red (100%)
- Green (99%)
- Blue (96%)



- Red (97%)
- Yellow (100%)
- Blue (96%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.606, 98.573 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, 3.606, 98.573 by changing the saturation by 10% instead.

 99, 3.606, 98.573

 99, 3.606, 98.573

 100, 3.606, 98.573

 89, 3.606, 98.573

 79, 3.606, 98.573

 69, 3.606, 98.573

 59, 3.606, 98.573

 49, 3.606, 98.573

 39, 3.606, 98.573

 29, 3.606, 98.573

 19, 3.606, 98.573

 9, 3.606, 98.573

99, 3.606, 98.573

99, 3.606, 98.573

97, 13.905, 97.468

100, 0.287,
201.696

95, 24.284, 96.258

93, 34.689, 95.013

91, 45.019, 93.740

90, 55.089, 92.445

88, 64.575, 91.124

86, 72.950, 89.763

85, 79.448, 88.320

84, 83.242, 86.717

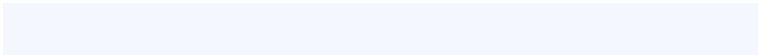
Harmonies

Complementary

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



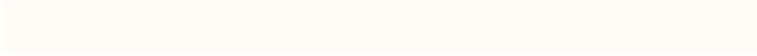
99, 3.606, 98.573



97, 3.640, 279.538

Rectangle

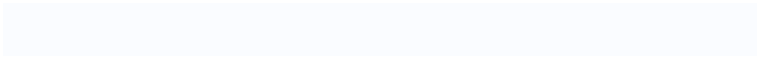
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 3.606, 98.573



99, 3.606, 148.573



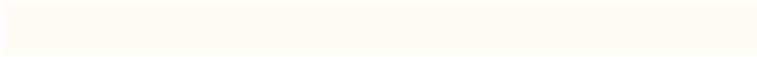
99, 3.606, 278.573



99, 3.606, 328.573

Sweetspot

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



99, 3.608, 98.605



100, 1.013, 98.753



97, 3.365, 0.893



53, 0.576, 98.748



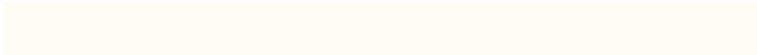
0, 0.000, 0.000



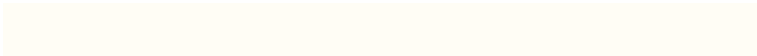
53, 0.007, 296.813

Same Dimension

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



99, 3.608, 98.605



99, 4.092, 98.558



99, 4.642, 120.340



53, 2.910, 98.479



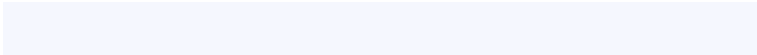
64, 68.188, 85.917



21, 30.010, 88.161

Inverse Universe

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



97, 3.640, 279.538



97, 4.126, 279.587



97, 4.695, 300.750



51, 2.934, 279.671



28, 92.189, 301.760



6, 36.821, 296.924

Previews

White Background



This preview shows how the CIE LCh color 99, 3.606, 98.573 looks on a white background.

Color Contrast Check

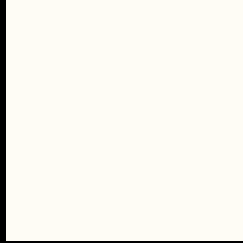
Large Text (above 18pt) WCAG AA × Fail

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, 3.606, 98.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

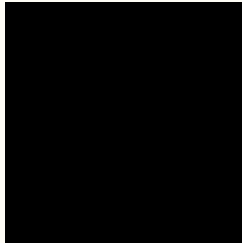
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.606, 98.573

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.606, 98.573.



This preview shows how white text looks on a background with the CIELCh color 99, 3.606, 98.573.

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, 3.609, 98.572

Protanopia

99, 1.836, 74.893

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 3.609, 98.572

Protanomaly

99, 2.272, 82.227

Deuteranomaly

99, 1.487, 38.999

Tritanomaly

99, 0.605, 74.599

Monochromacy



Original Color

99, 3.609, 98.572



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.061, 90.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.606, 98.573 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(254, 252, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 245)  
}
```

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(254, 252, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.606, 98.573 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(254, 252, 245) }
```

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

```
.border{ border-color:rgb(254, 252, 245) }
```

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

Here you see how a box with a 4 pixel rgb(254, 252, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.606, 98.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 245) }
```

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

```
.background{ background-color: rgb(254,  
252, 245) }
```

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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