

Converting Colors

CIELCh(99, 5.784, 93.972)

Have a look what the booklet for
CIELCh(99, 5.784, 93.972) contains.

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Color

CIELCh(99, 5.669, 98.867)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCF1
RGB	255, 252, 241
RGB Percent	100%, 99%, 95%
CMY	0.0000, 0.0108, 0.0540
CMYK	0.00, 0.01, 0.05, 0.00
HSL	48°, 100%, 97%
HSV	48°, 5%, 100%
XYZ	92.1211, 97.4360, 97.3517
YIQ	251.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

Format	Color
R_{YB}	245, 255, 241
Decimal	16776433
CIE _{Lab}	99.00, -0.87, 5.60
CIE _{LCh}	99, 5.669, 98.867
Yxy	97.4360, 0.3211, 0.3396
Android (android.graphics.Color)	4294966513 (0xFFFFFCF1)
YUV	251.6430, -5.2470, 2.9441
Hunter-Lab	98.7097, -6.1563, 10.6225

Details

The CIELCh color 99, 5.669, 98.867 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 5.708, 281.034, 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, 5.430, 97.707 is the 20% darker color. If you saturate the color by 10%, you get 97, 16.219, 98.580, and if you desaturate by 10%, it is 100, 0.012, 296.813.

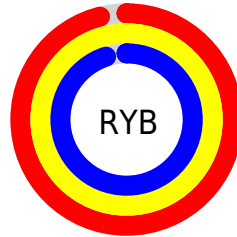
Distribution



Red (100%)

Green (99%)

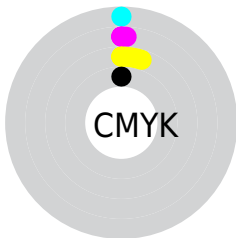
Blue (95%)



Red (96%)

Yellow (100%)

Blue (95%)

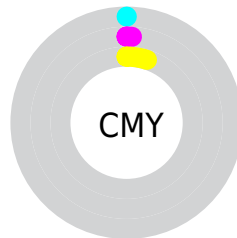


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (1%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.669, 98.867 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, 5.669, 98.867 by changing the saturation by 10% instead.



99, 5.669, 98.867

99, 5.669, 98.867

97, 16.219, 98.580

100, 0.012,
296.813

95, 26.834, 97.385

94, 37.435, 96.160

92, 47.897, 94.914

90, 58.006, 93.654

89, 67.392, 92.378

87, 75.476, 91.075

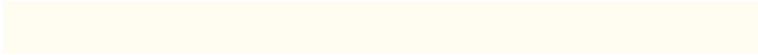
86, 81.462, 89.709

85, 84.604, 88.213

Harmonies

Complementary

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



99, 5.669, 98.867



96, 5.708, 281.034

Rectangle

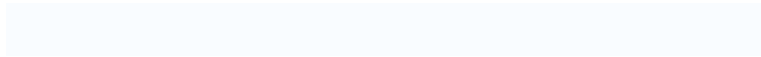
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 5.669, 98.867



99, 5.669, 148.867



99, 5.669, 278.867



99, 5.669, 328.867

Sweetspot

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



99, 5.656, 99.723



100, 2.085, 100.053



96, 5.133, 2.371



53, 1.185, 100.060



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, 5.656, 99.723



99, 6.289, 99.658



99, 7.123, 120.864



53, 4.173, 99.586



65, 68.795, 87.783



22, 30.457, 89.847

Inverse Universe

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



96, 5.708, 281.034



96, 6.348, 281.104



96, 7.216, 301.491



51, 4.214, 281.182



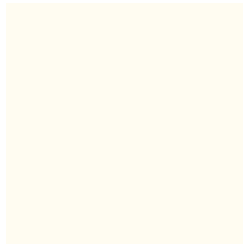
27, 94.406, 302.484



6, 37.631, 297.593

Previews

White Background



This preview shows how the CIE LCh color 99, 5.669, 98.867 looks on a white background.

Color Contrast Check

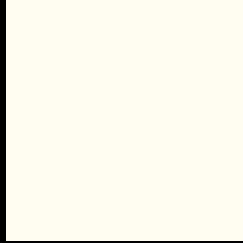
Large Text (above 18pt) WCAG AA × Fail

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, 5.669, 98.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

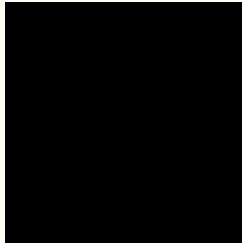
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.669, 98.867

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.669, 98.867.



This preview shows how white text looks on a background with the CIELCh color 99, 5.669, 98.867.

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, 5.669, 98.867

Protanopia
99, 2.732, 87.135

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 5.669, 98.867

Protanomaly

99, 3.691, 93.151

Deuteranomaly

99, 2.456, 74.858

Tritanomaly

99, 1.161, 44.805

Monochromacy



Original Color

99, 5.669, 98.867



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.048, 100.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.669, 98.867 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, 252, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 241)  
}
```

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, 252, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.669, 98.867 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, 252, 241) }
```

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

```
.border{ border-color:rgb(255, 252, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 252, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.669, 98.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 241) }
```

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

```
.background{ background-color: rgb(255,  
252, 241) }
```

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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