

Converting Colors

CIELCh(99, 7.069, 97.276)

Have a look what the booklet for
CIELCh(99, 7.069, 97.276) contains.

CIELCh(99, 6.670, 100.411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(99, 6.670, 100.411)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCEF
RGB	255, 252, 239
RGB Percent	100%, 99%, 94%
CMY	0.0000, 0.0103, 0.0613
CMYK	0.00, 0.01, 0.06, 0.00
HSL	50°, 100%, 97%
HSV	50°, 6%, 100%
XYZ	91.9361, 97.4360, 95.9054
YIQ	251.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

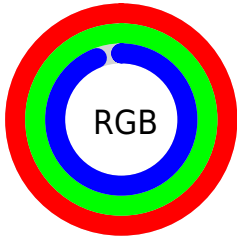
Format	Color
R _Y B	243, 255, 239
Decimal	16776431
CIE Lab	99.00, -1.21, 6.56
CIE LCh	99, 6.670, 100.411
Yxy	97.4360, 0.3223, 0.3415
Android (android.graphics.Color)	4294966511 (0xFFFFFCEF)
YUV	251.4150, -6.1206, 3.1440
Hunter-Lab	98.7097, -6.4909, 11.4912

Details

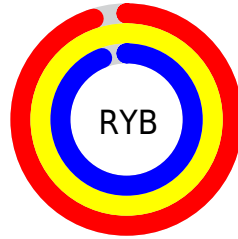
The CIELCh color 99, 6.670, 100.411 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.725, 282.991, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.477, 99.529 is the 20% darker color. If you saturate the color by 10%, you get 97, 17.569, 100.440, and if you desaturate by 10%, it is 100, 0.012, 296.813.

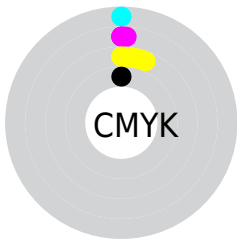
Distribution



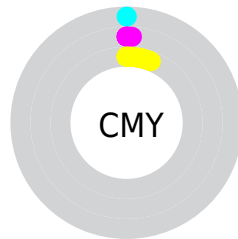
- Red (100%)
- Green (99%)
- Blue (94%)



- Red (95%)
- Yellow (100%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.670, 100.411 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, 6.670, 100.411 by changing the saturation by 10% instead.

 99, 6.670, 100.411

 99, 6.670, 100.411

 100, 6.670,
100.411

 89, 6.670, 100.411

 79, 6.670, 100.411

 69, 6.670, 100.411

 59, 6.670, 100.411

 49, 6.670, 100.411

 39, 6.670, 100.411

 29, 6.670, 100.411

 19, 6.670, 100.411

 9, 6.670, 100.411

99, 6.670, 100.411

99, 6.670, 100.411

97, 17.569,
100.440

100, 0.012,
296.813

96, 28.502, 99.279

94, 39.372, 98.096

93, 50.037, 96.901

91, 60.258, 95.703

90, 69.639, 94.511

89, 77.574, 93.320

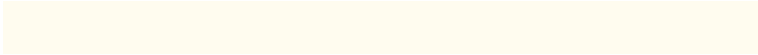
88, 83.283, 92.111

87, 86.107, 90.836

Harmonies

Complementary

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



99, 6.670, 100.411



96, 6.725, 282.991

Rectangle

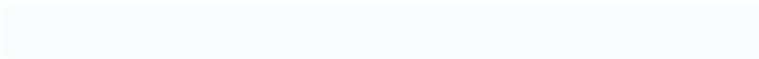
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 6.670, 100.411



99, 6.670, 150.411



99, 6.670, 280.411



99, 6.670, 330.411

Sweetspot

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



99, 6.653, 101.559



100, 2.160, 101.966



96, 5.768, 4.984



53, 1.228, 101.972



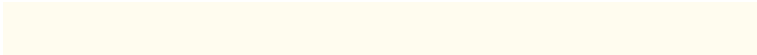
0, 0.000, 0.000



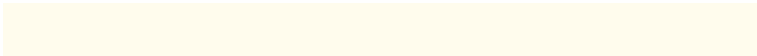
53, 0.007, 296.813

Same Dimension

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



99, 6.653, 101.559



99, 7.600, 101.465



99, 8.131, 122.094



53, 4.940, 101.399



66, 69.891, 90.570



22, 31.188, 92.330

Inverse Universe

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



96, 6.725, 282.991



95, 7.687, 283.093



95, 8.241, 302.768



50, 4.999, 283.165



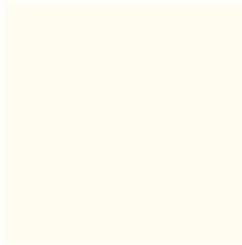
26, 97.560, 303.463



5, 38.776, 298.473

Previews

White Background



This preview shows how the CIE LCh color 99, 6.670, 100.411 looks on a white background.

Color Contrast Check

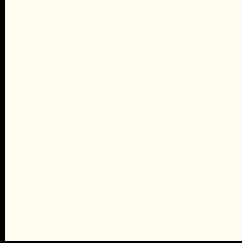
Large Text (above 18pt) WCAG AA × Fail

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, 6.670, 100.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

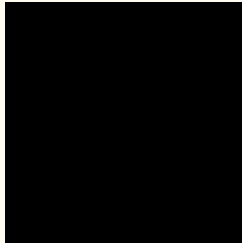
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.670, 100.411

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.670, 100.411.



This preview shows how white text looks on a background with the CIELCh color 99, 6.670, 100.411.

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, 6.670, 100.411

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 6.670, 100.411

Protanomaly

99, 4.181, 95.099

Deuteranomaly

99, 2.456, 74.858

Tritanomaly

99, 1.450, 63.329

Monochromacy



Original Color

99, 6.670, 100.411



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.551, 102.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.670, 100.411 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.670, 100.411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

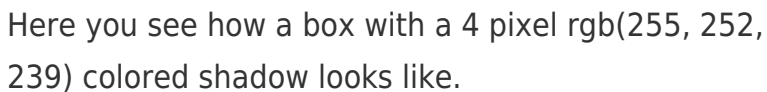
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 252, 239) }
```

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

```
.border{ border-color:rgb(255, 252, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 252, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 252, 239); box-shadow:4px 4px 4px 4px rgb(255, 252, 239) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.670, 100.411 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, 239) }
```

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

```
.background{ background-color: rgb(255,  
252, 239) }
```

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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