

Converting Colors

CIELCh(100, 8.287, 37.194)

Have a look what the booklet for
CIELCh(100, 8.287, 37.194) contains.

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Color

CIELCh(99, 2.675, 68.589)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBF7
RGB	255, 251, 247
RGB Percent	100%, 98%, 97%
CMY	0.0000, 0.0144, 0.0302
CMYK	0.00, 0.01, 0.03, 0.00
HSL	31°, 100%, 98%
HSV	31°, 3%, 100%
XYZ	93.1584, 97.4360, 102.1437
YIQ	251.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

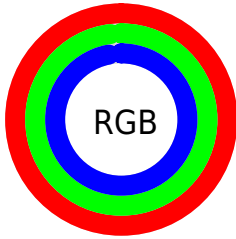
Format	Color
R _{YB}	255, 255, 247
Decimal	16776183
CIE Lab	99.00, 0.98, 2.49
CIE LCh	99, 2.675, 68.589
Yxy	97.4360, 0.3182, 0.3328
Android (android.graphics.Color)	4294966263 (0xFFFFBF7)
YUV	251.7400, -2.3368, 2.8590
Hunter-Lab	98.7097, -4.2805, 7.7442

Details

The CIELCh color 99, 2.675, 68.589 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.398, 258.248, 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, 2.388, 82.169 is the 20% darker color. If you saturate the color by 10%, you get 95, 10.593, 76.021, and if you desaturate by 10%, it is 100, 0.012, 296.813.

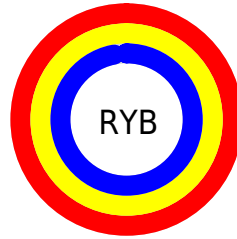
Distribution



Red (100%)

Green (98%)

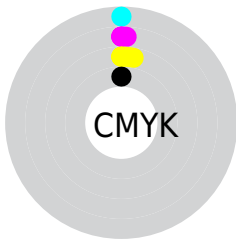
Blue (97%)



Red (100%)

Yellow (100%)

Blue (97%)

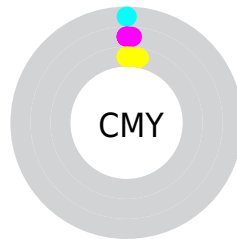


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (1%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.675, 68.589 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, 2.675, 68.589 by changing the saturation by 10% instead.

 99, 2.675, 68.589

 99, 2.675, 68.589

 100, 2.675, 68.589

 89, 2.675, 68.589

 79, 2.675, 68.589

 69, 2.675, 68.589

 59, 2.675, 68.589

 49, 2.675, 68.589

 39, 2.675, 68.589

 29, 2.675, 68.589

 19, 2.675, 68.589

 9, 2.675, 68.589

99, 2.675, 68.589

99, 2.675, 68.589

95, 10.593, 76.021

100, 0.012,
296.813

92, 19.150, 74.750

88, 28.085, 73.449

85, 37.391, 72.125

82, 47.008, 70.776

78, 56.776, 69.375

75, 66.341, 67.850

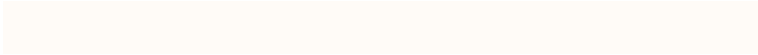
73, 75.006, 66.040

70, 81.651, 63.649

Harmonies

Complementary

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



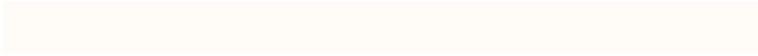
99, 2.675, 68.589



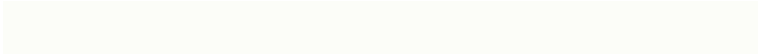
98, 2.398, 258.248

Rectangle

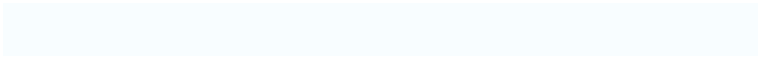
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 2.675, 68.589



99, 2.675, 118.589



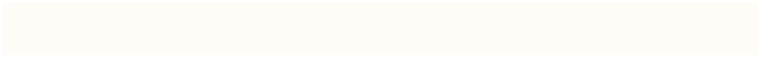
99, 2.675, 248.589



99, 2.675, 298.589

Sweetspot

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



99, 2.396, 77.145



100, 0.785, 77.035



98, 3.322, 344.661



53, 0.446, 77.012



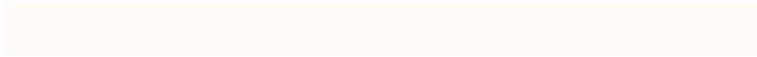
0, 0.000, 0.000



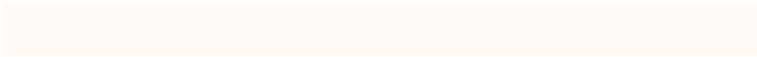
53, 0.007, 296.813

Same Dimension

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



99, 2.396, 77.145



99, 3.188, 77.066



100, 3.889, 110.534



52, 2.270, 76.993



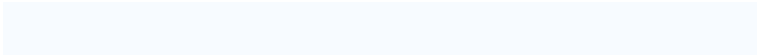
52, 68.121, 62.280



16, 27.018, 63.966

Inverse Universe

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



98, 2.398, 258.248



98, 3.178, 258.334



98, 3.936, 291.140



52, 2.257, 258.413



40, 60.838, 286.209



11, 24.665, 279.826

Previews

White Background



This preview shows how the CIE LCh color 99, 2.675, 68.589 looks on a white background.

Color Contrast Check

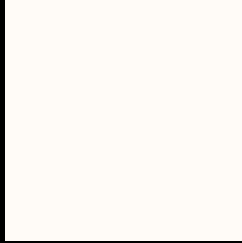
Large Text (above 18pt) WCAG AA × Fail

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, 2.675, 68.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

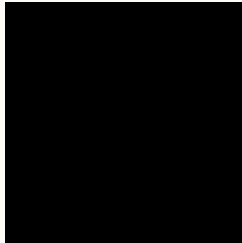
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.675, 68.589

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.675, 68.589.



This preview shows how white text looks on a background with the CIELCh color 99, 2.675, 68.589.

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, 2.456, 74.858

Protanopia

99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 2.171, 309.072

Trichromacy

Original Color

99, 2.456, 74.858

Protanomaly

99, 2.059, 66.765

Deuteranomaly

99, 1.487, 38.999

Tritanomaly

99, 1.179, 353.328

Monochromacy

Original Color

99, 2.456, 74.858

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, 2.675, 68.589 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.675, 68.589 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, 247) }
```

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

```
.border{ border-color:rgb(255, 251, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.675, 68.589 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
251, 247) }
```

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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