

Converting Colors

CIELCh(99, 6.649, 119.396)

Have a look what the booklet for
CIELCh(99, 6.649, 119.396) contains.

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Color

CIELCh(99, 6.684, 118.851)

Conversions

Conversions Part 1

Format	Color
Hex	FBFEF1
RGB	251, 254, 241
RGB Percent	98%, 100%, 95%
CMY	0.0171, 0.0053, 0.0563
CMYK	0.01, 0.00, 0.05, 0.01
HSL	74°, 83%, 97%
HSV	74°, 5%, 99%
XYZ	90.8140, 97.4360, 96.9685
YIQ	251.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

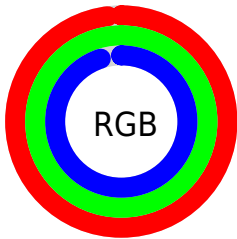
Format	Color
R_{YB}	241, 254, 244
Decimal	16514801
CIE Lab	99.00, -3.23, 5.85
CIE LCh	99, 6.684, 118.851
Yxy	97.4360, 0.3184, 0.3416
Android (android.graphics.Color)	4294704881 (0xFFFFBFEF1)
YUV	251.6210, -5.2362, -0.5446
Hunter-Lab	98.7097, -8.5199, 10.8526

Details

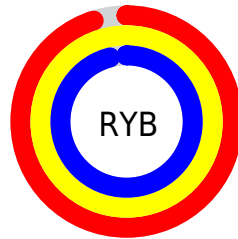
The CIELCh color 99, 6.684, 118.851 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.775, 299.520, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.489, 119.541 is the 20% darker color. If you saturate the color by 10%, you get 98, 19.724, 118.204, and if you desaturate by 10%, it is 100, 0.844, 324.104.

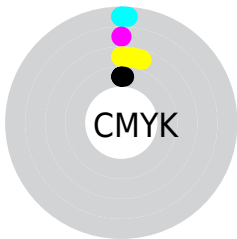
Distribution



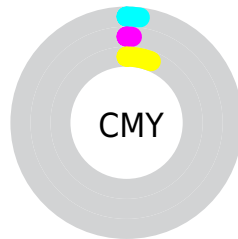
- Red (98%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.684, 118.851 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, 6.684, 118.851 by changing the saturation by 10% instead.

 99, 6.684, 118.851

 99, 6.684, 118.851

 100, 6.684,
118.851

 89, 6.684, 118.851

 79, 6.684, 118.851

 69, 6.684, 118.851

 59, 6.684, 118.851

 49, 6.684, 118.851

 39, 6.684, 118.851

 29, 6.684, 118.851

 19, 6.684, 118.851

 9, 6.684, 118.851

99, 6.684, 118.851

99, 6.684, 118.851

98, 19.724,
118.204

100, 0.844,
324.104

97, 32.647,
117.539

96, 45.335,
116.887

96, 57.600,
116.279

95, 69.166,
115.760

94, 79.620,
115.397

94, 88.411,
115.281

93, 94.933,
115.514

■ 93, 98.798,
116.177

Harmonies

Complementary

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



99, 6.684, 118.851



96, 6.775, 299.520

Rectangle

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



99, 6.684, 118.851



99, 6.684, 168.851



99, 6.684, 298.851



99, 6.684, 348.851

Sweetspot

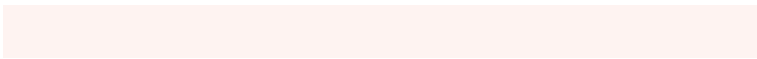
The Sweet Spot groups the original color and five complimentary colors.



99, 6.686, 118.862



100, 2.614, 119.069



97, 3.891, 41.117



53, 1.486, 119.076



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, 6.686, 118.862



99, 7.863, 118.805



99, 7.411, 136.071



53, 5.216, 118.762



72, 80.739, 116.410



25, 36.399, 115.268

Inverse Universe

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



96, 6.775, 299.520



95, 7.977, 299.581



96, 7.457, 316.445



50, 5.297, 299.626



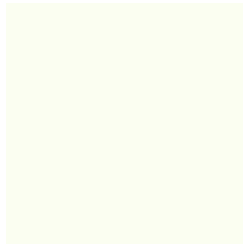
25, 105.751, 307.524



4, 44.620, 306.177

Previews

White Background



This preview shows how the CIE LCh color 99, 6.684, 118.851 looks on a white background.

Color Contrast Check

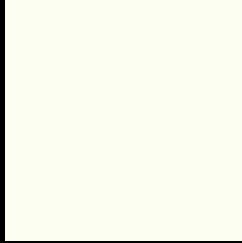
Large Text (above 18pt) WCAG AA × Fail

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, 6.684, 118.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

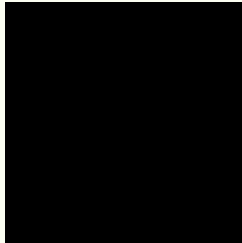
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.684, 118.851

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.684, 118.851.



This preview shows how white text looks on a background with the CIELCh color 99, 6.684, 118.851.

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, 6.684, 118.851

Protanopia
99, 2.732, 87.135

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color

99, 6.684, 118.851

Protanomaly

99, 4.052, 109.855

Deuteranomaly

99, 2.551, 102.009

Tritanomaly

99, 1.557, 123.031

Monochromacy

Original Color

99, 6.684, 118.851

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.559, 117.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.684, 118.851 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(251, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 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(251, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.684, 118.851 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(251, 254, 241) }
```

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

```
.border{ border-color:rgb(251, 254, 241) }
```

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

Here you see how a box with a 4 pixel rgb(251, 254, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.684, 118.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 254, 241) }
```

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

```
.background{ background-color: rgb(251,  
254, 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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