

Converting Colors

CIELCh(100, 8.665, 122.070)

Have a look what the booklet for
CIELCh(100, 8.665, 122.070)
contains.

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Color

CIELCh(99, 7.180, 118.183)

Conversions

Conversions Part 1

Format	Color
Hex	FBFEF0
RGB	251, 254, 240
RGB Percent	98%, 100%, 94%
CMY	0.0168, 0.0050, 0.0599
CMYK	0.01, 0.00, 0.06, 0.01
HSL	73°, 85%, 97%
HSV	73°, 6%, 99%
XYZ	90.7223, 97.4360, 96.2531
YIQ	251.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

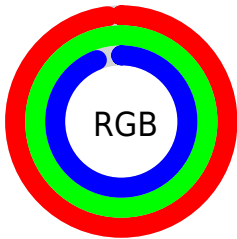
Format	Color
R_{YB}	240, 254, 243
Decimal	16514800
CIE _{Lab}	99.00, -3.39, 6.33
CIE _{LCh}	99, 7.180, 118.183
Yxy	97.4360, 0.3190, 0.3426
Android (android.graphics.Color)	4294704880 (0xFFFFBFEF0)
YUV	251.5070, -5.6730, -0.4446
Hunter-Lab	98.7097, -8.6857, 11.2823

Details

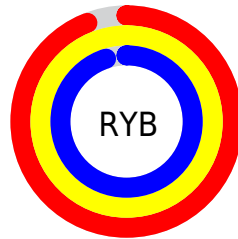
The CIELCh color 99, 7.180, 118.183 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 7.283, 298.927, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.013, 118.760 is the 20% darker color. If you saturate the color by 10%, you get 98, 20.192, 117.517, and if you desaturate by 10%, it is 100, 0.802, 324.084.

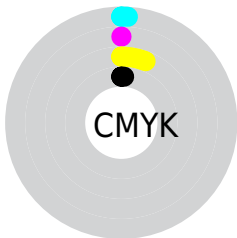
Distribution



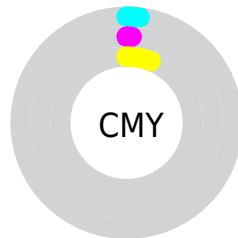
- Red (98%)
- Green (100%)
- Blue (94%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 7.180, 118.183 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, 7.180, 118.183 by changing the saturation by 10% instead.

 99, 7.180, 118.183

 99, 7.180, 118.183

 100, 7.180,
118.183

 89, 7.180, 118.183

 79, 7.180, 118.183

 69, 7.180, 118.183

 59, 7.180, 118.183

 49, 7.180, 118.183

 39, 7.180, 118.183

 29, 7.180, 118.183

 19, 7.180, 118.183

 9, 7.180, 118.183

99, 7.180, 118.183

99, 7.180, 118.183

98, 20.192,
117.517

100, 0.802,
324.084

97, 33.081,
116.834

96, 45.725,
116.165


96, 57.936,
115.541

95, 69.429,
115.007

94, 79.788,
114.630

94, 88.452,
114.498

94, 94.818,
114.710

 93, 98.513,
115.342

Harmonies

Complementary

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



99, 7.180, 118.183



95, 7.283, 298.927

Rectangle

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



99, 7.180, 118.183



99, 7.180, 168.183



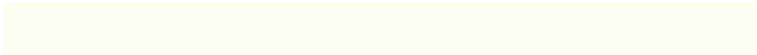
99, 7.180, 298.183



99, 7.180, 348.183

Sweetspot

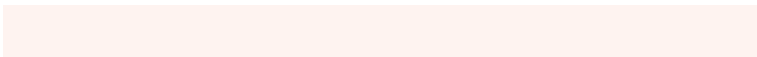
The Sweet Spot groups the original color and five complimentary colors.



99, 7.182, 118.193



100, 2.609, 118.431



96, 4.231, 39.212



53, 1.483, 118.438



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, 7.182, 118.193



99, 9.156, 118.093



99, 7.940, 135.527



53, 5.950, 118.053



72, 80.399, 115.527



25, 36.279, 114.452

Inverse Universe

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



95, 7.283, 298.927



95, 9.306, 299.035



96, 7.992, 315.937



50, 6.053, 299.079



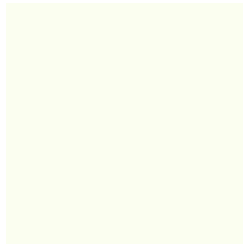
24, 105.987, 307.369



4, 44.587, 305.838

Previews

White Background



This preview shows how the CIElCh color 99, 7.180, 118.183 looks on a white background.

Color Contrast Check

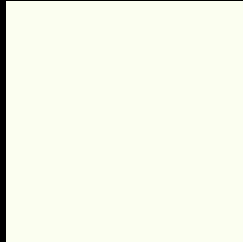
Large Text (above 18pt) WCAG AA × Fail

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, 7.180, 118.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

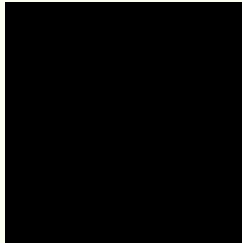
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.180, 118.183

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.180, 118.183.



This preview shows how white text looks on a background with the CIELCh color 99, 7.180, 118.183.

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

A vertical stack of three color swatches. The top swatch is a light yellow-green, the middle is a light orange, and the bottom is a light pink. Each swatch is associated with a label and a list of numbers.

Original Color

99, 7.185, 118.182

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 7.185, 118.182

Protanomaly

99, 4.559, 109.818

Deuteranomaly

99, 2.551, 102.009

Tritanomaly

99, 2.055, 119.829

Monochromacy



Original Color

99, 7.185, 118.182



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, 7.180, 118.183 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.180, 118.183 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, 240) }
```

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

```
.border{ border-color:rgb(251, 254, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.180, 118.183 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, 240) }
```

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

```
.background{ background-color: rgb(251,  
254, 240) }
```

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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