

Converting Colors

CIELCh(100, 7.811, 124.773)

Have a look what the booklet for
CIELCh(100, 7.811, 124.773)
contains.

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Color

CIELCh(99, 6.750, 121.813)

Conversions

Conversions Part 1

Format	Color
Hex	FAFEF1
RGB	250, 254, 241
RGB Percent	98%, 100%, 95%
CMY	0.0201, 0.0044, 0.0554
CMYK	0.02, 0.00, 0.05, 0.00
HSL	78°, 85%, 97%
HSV	78°, 5%, 100%
XYZ	90.6299, 97.4360, 97.1476
YIQ	251.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

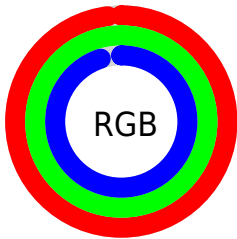
Format	Color
R _Y B	241, 254, 245
Decimal	16449265
CIE Lab	99.00, -3.56, 5.74
CIE LCh	99, 6.750, 121.813
Yxy	97.4360, 0.3178, 0.3416
Android (android.graphics.Color)	4294639345 (0xFFFAFEF1)
YUV	251.3220, -5.0887, -1.1594
Hunter-Lab	98.7097, -8.8529, 10.7450

Details

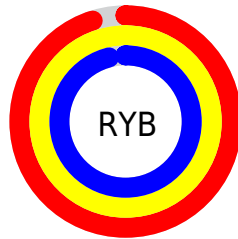
The CIELCh color 99, 6.750, 121.813 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.836, 302.386, and the grayscale version is 99, 0.012, 296.813.

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, 19.951, 121.239, and if you desaturate by 10%, it is 100, 0.714, 324.033.

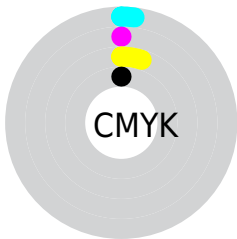
Distribution



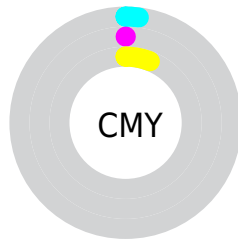
- Red (98%)
- Green (100%)
- Blue (95%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.750, 121.813 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, 6.750, 121.813 by changing the saturation by 10% instead.

 99, 6.750, 121.813

 99, 6.750, 121.813

 100, 6.750,
121.813

 89, 6.750, 121.813

 79, 6.750, 121.813

 69, 6.750, 121.813

 59, 6.750, 121.813

 49, 6.750, 121.813

 39, 6.750, 121.813

 29, 6.750, 121.813

 19, 6.750, 121.813

 9, 6.750, 121.813

99, 6.750, 121.813

99, 6.750, 121.813

98, 19.951,
121.239

100, 0.714,
324.033

97, 33.053,
120.649

96, 45.933,
120.070

95, 58.407,
119.533

94, 70.197,
119.089

94, 80.896,
118.810

93, 89.959,
118.797

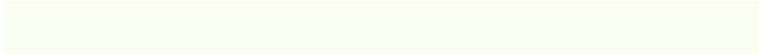
92, 96.785,
119.166

■ 92, 100.986,
120.008

Harmonies

Complementary

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



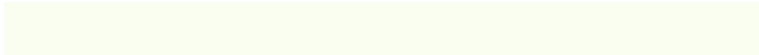
99, 6.750, 121.813



96, 6.836, 302.386

Rectangle

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



99, 6.750, 121.813



99, 6.750, 171.813



99, 6.750, 301.813



99, 6.750, 351.813

Sweetspot

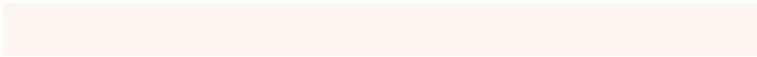
The Sweet Spot groups the original color and five complimentary colors.



99, 6.752, 121.823



100, 2.641, 122.013



97, 3.784, 51.059



53, 1.501, 122.019



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, 6.752, 121.823



99, 7.946, 121.771



99, 7.588, 138.613



53, 5.271, 121.733



71, 82.547, 120.297



24, 37.048, 118.904

Inverse Universe

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



96, 6.836, 302.386



95, 8.054, 302.441



96, 7.626, 319.006



50, 5.348, 302.481



26, 104.479, 308.409



5, 44.768, 307.896

Previews

White Background



This preview shows how the CIE LCh color 99, 6.750, 121.813 looks on a white background.

Color Contrast Check

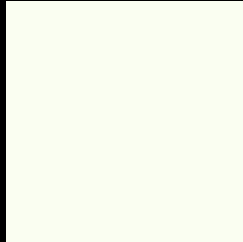
Large Text (above 18pt) WCAG AA × Fail

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, 6.750, 121.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

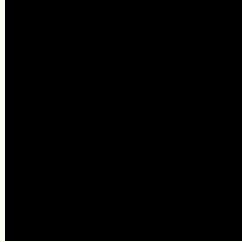
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.750, 121.813

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.750, 121.813.



This preview shows how white text looks on a background with the CIELCh color 99, 6.750, 121.813.

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 bar on the left side of the page is divided into three colored sections: a light green top section, a light orange middle section, and a light pink bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 6.755, 121.812

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 6.755, 121.812

Protanomaly

99, 4.052, 109.855

Deuteranomaly

99, 2.551, 102.009

Tritanomaly

99, 1.675, 134.743

Monochromacy



Original Color

99, 6.755, 121.812



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, 6.750, 121.813 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(250, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.750, 121.813 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(250, 254, 241) }
```

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

```
.border{ border-color:rgb(250, 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(250, 254, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.750, 121.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 254, 241) }
```

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

```
.background{ background-color: rgb(250,  
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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