

Converting Colors

CIELCh(100, 9.826, 119.020)

Have a look what the booklet for
CIELCh(100, 9.826, 119.020)
contains.

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Color

CIELCh(99, 8.644, 114.270)

Conversions

Conversions Part 1

Format	Color
Hex	FCFEED
RGB	252, 254, 237
RGB Percent	99%, 100%, 93%
CMY	0.0129, 0.0051, 0.0717
CMYK	0.01, 0.00, 0.07, 0.01
HSL	67°, 87%, 96%
HSV	67°, 7%, 99%
XYZ	90.6328, 97.4360, 93.9382
YIQ	251.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

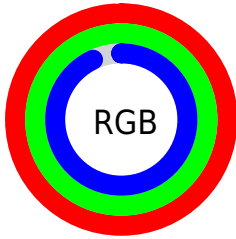
Format	Color
R_{YB}	237, 254, 239
Decimal	16580333
CIE Lab	99.00, -3.55, 7.88
CIE LCh	99, 8.644, 114.270
Yxy	97.4360, 0.3214, 0.3455
Android (android.graphics.Color)	4294770413 (0xFFFCFEED)
YUV	251.4640, -7.1308, 0.4701
Hunter-Lab	98.7097, -8.8476, 12.6728

Details

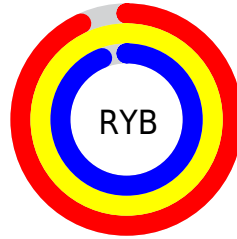
The CIELCh color 99, 8.644, 114.270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94, 8.791, 295.362, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 8.545, 114.460 is the 20% darker color. If you saturate the color by 10%, you get 98, 21.521, 113.481, and if you desaturate by 10%, it is 100, 0.754, 317.541.

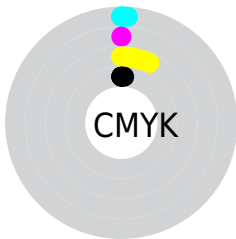
Distribution



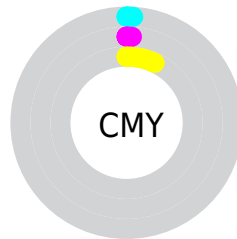
- Red (99%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 8.644, 114.270 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, 8.644, 114.270 by changing the saturation by 10% instead.

 99, 8.644, 114.270

 99, 8.644, 114.270

 100, 8.644,
114.270

 89, 8.644, 114.270

 79, 8.644, 114.270

 69, 8.644, 114.270

 59, 8.644, 114.270

 49, 8.644, 114.270

 39, 8.644, 114.270

 29, 8.644, 114.270

 19, 8.644, 114.270

 9, 8.644, 114.270

99, 8.644, 114.270

99, 8.644, 114.270

98, 21.521,
113.481

100, 0.754,
317.541

98, 34.250,
112.677

100, 0.809,
324.087

97, 46.704,
111.890

96, 58.685,
111.149

96, 69.887,
110.496

95, 79.869,
109.985

95, 88.048,
109.689

95, 93.822,
109.681

■ 95, 96.881,
110.008

Harmonies

Complementary

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



99, 8.644, 114.270



94, 8.791, 295.362

Rectangle

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



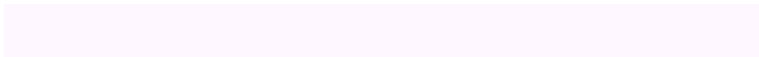
99, 8.644, 114.270



99, 8.644, 164.270



99, 8.644, 294.270



99, 8.644, 344.270

Sweetspot

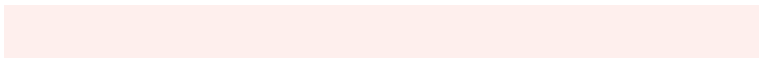
The Sweet Spot groups the original color and five complimentary colors.



99, 8.646, 114.280



100, 2.587, 114.644



95, 5.470, 30.307



53, 1.470, 114.651



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, 8.646, 114.280



99, 10.373, 114.177



98, 9.432, 132.776



53, 7.371, 114.057



73, 78.820, 110.043



25, 35.743, 109.448

Inverse Universe

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



94, 8.791, 295.362



94, 10.572, 295.476



95, 9.512, 313.297



49, 7.535, 295.610



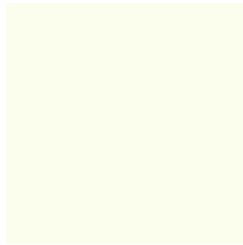
24, 107.079, 306.692



4, 44.397, 304.048

Previews

White Background



This preview shows how the CIELCh color 99, 8.644, 114.270 looks on a white background.

Color Contrast Check

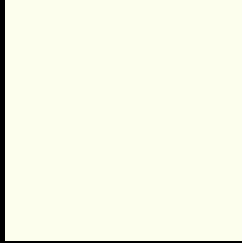
Large Text (above 18pt) WCAG AA × Fail

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, 8.644, 114.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

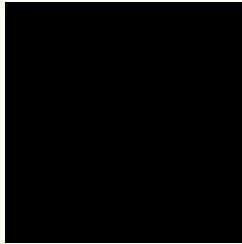
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 8.644, 114.270

Background



This preview shows how black text looks on a background with the CIELCh color 99, 8.644, 114.270.



This preview shows how white text looks on a background with the CIELCh color 99, 8.644, 114.270.

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 top yellow section, a middle light orange section, and a bottom light pink section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 8.650, 114.268

Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 8.650, 114.268

Protanomaly

99, 5.075, 105.769

Deuteranomaly

99, 3.112, 96.790

Tritanomaly

99, 2.528, 109.958

Monochromacy



Original Color

99, 8.650, 114.268



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 3.063, 116.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 8.644, 114.270 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(252, 254, 237)` looks like.

```
.text, #text, p{  
    color:rgb(252, 254, 237)  
}
```

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(252, 254, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 8.644, 114.270 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(252, 254, 237) }
```

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

```
.border{ border-color:rgb(252, 254, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 254, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 237);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 8.644, 114.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 237) }
```

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

```
.background{ background-color: rgb(252,  
254, 237) }
```

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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