

Converting Colors

CIELCh(100, 8.378, 130.423)

Have a look what the booklet for
CIELCh(100, 8.378, 130.423)
contains.

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Color

CIELCh(99, 6.943, 127.500)

Conversions

Conversions Part 1

Format	Color
Hex	F8FEF1
RGB	248, 254, 241
RGB Percent	97%, 100%, 95%
CMY	0.0263, 0.0028, 0.0538
CMYK	0.02, 0.00, 0.05, 0.00
HSL	88°, 90%, 97%
HSV	88°, 5%, 100%
XYZ	90.2612, 97.4360, 97.4927
YIQ	250.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

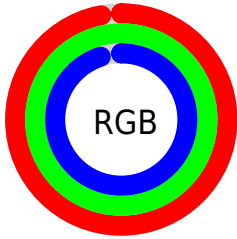
Format	Color
R _Y B	241, 254, 247
Decimal	16318193
CIE Lab	99.00, -4.23, 5.51
CIE LCh	99, 6.943, 127.500
Yxy	97.4360, 0.3165, 0.3417
Android (android.graphics.Color)	4294508273 (0xFF8FEF1)
YUV	250.7240, -4.7939, -2.3889
Hunter-Lab	98.7097, -9.5197, 10.5377

Details

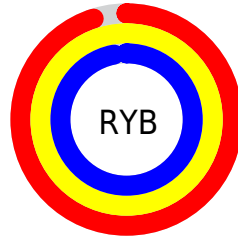
The CIELCh color 99, 6.943, 127.500 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 7.017, 307.939, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.669, 125.831 is the 20% darker color. If you saturate the color by 10%, you get 98, 20.577, 127.019, and if you desaturate by 10%, it is 100, 0.454, 323.776.

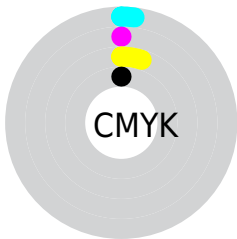
Distribution



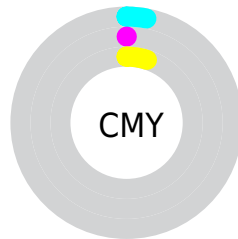
- Red (97%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (97%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.943, 127.500 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, 6.943, 127.500 by changing the saturation by 10% instead.

 99, 6.943, 127.500

 99, 6.943, 127.500

 100, 6.943,
127.500

 89, 6.943, 127.500

 79, 6.943, 127.500

 69, 6.943, 127.500

 59, 6.943, 127.500

 49, 6.943, 127.500

 39, 6.943, 127.500

 29, 6.943, 127.500

 19, 6.943, 127.500

 9, 6.943, 127.500

99, 6.943, 127.500

99, 6.943, 127.500

98, 20.577,
127.019

100, 0.454,
323.776

96, 34.156,
126.520

95, 47.548,
126.022

94, 60.561,
125.556

93, 72.913,
125.173

92, 84.198,
124.954

91, 93.872,
125.011

91, 101.334,
125.475

■ 90,106.190,
126.444

Harmonies

Complementary

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



99, 6.943, 127.500



96, 7.017, 307.939

Rectangle

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



99, 6.943, 127.500



99, 6.943, 177.500



99, 6.943, 307.500



99, 6.943, 357.500

Sweetspot

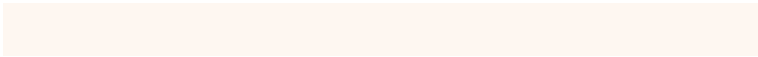
The Sweet Spot groups the original color and five complimentary colors.



99, 6.945, 127.507



100, 2.715, 127.678



98, 3.896, 69.107



53, 1.543, 127.685



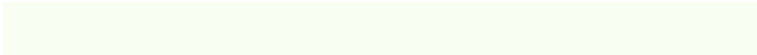
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 6.945, 127.507



99, 8.176, 127.463



99, 7.951, 142.862



53, 5.424, 127.431



70, 86.807, 126.762



24, 38.666, 125.192

Inverse Universe

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



96, 7.017, 307.939



96, 8.265, 307.984



97, 7.976, 323.328



50, 5.487, 308.017



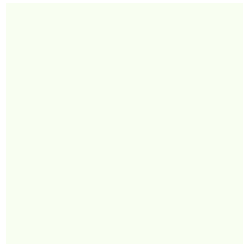
29, 101.361, 311.036



6, 44.921, 311.833

Previews

White Background



This preview shows how the CIELCh color 99, 6.943, 127.500 looks on a white background.

Color Contrast Check

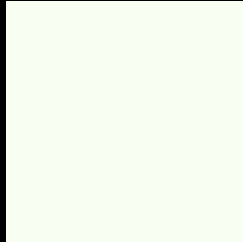
Large Text (above 18pt) WCAG AA × Fail

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, 6.943, 127.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

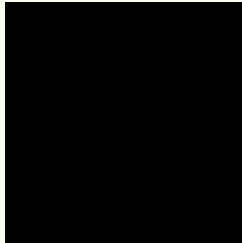
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

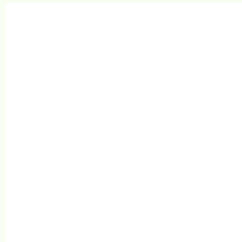
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 6.943, 127.500

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.943, 127.500.

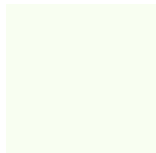


This preview shows how white text looks on a background with the CIELCh color 99, 6.943, 127.500.

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, 6.949, 127.499



Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 6.949, 127.499

Protanomaly

99, 4.052, 109.855

Deuteranomaly

99, 2.551, 102.009

Tritanomaly

99, 1.675, 134.743

Monochromacy



Original Color

99, 6.949, 127.499

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.635, 125.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.943, 127.500 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(248, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 254, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.943, 127.500 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(248, 254, 241) }
```

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

```
.border{ border-color:rgb(248, 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(248, 254, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 254,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.943, 127.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 254, 241) }
```

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

```
.background{ background-color: rgb(248,  
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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