

Converting Colors

CIELCh(100, 12.270, 126.891)

Have a look what the booklet for
CIELCh(100, 12.270, 126.891)
contains.

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Color

CIELCh(99, 9.971, 123.972)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFEC
RGB	248, 255, 236
RGB Percent	97%, 100%, 93%
CMY	0.0279, 0.0004, 0.0749
CMYK	0.03, 0.00, 0.07, 0.00
HSL	82°, 99%, 96%
HSV	82°, 7%, 100%
XYZ	89.5221, 97.4360, 93.3636
YIQ	250.7410, 1.9270, -7.3930

Conversions

Conversions Part 2

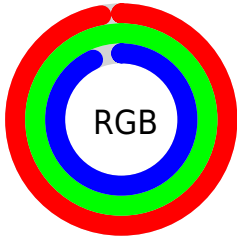
Format	Color
R _Y B	236, 255, 243
Decimal	16318444
CIE Lab	99.00, -5.57, 8.27
CIE LCh	99, 9.971, 123.972
Yxy	97.4360, 0.3194, 0.3476
Android (android.graphics.Color)	4294508524 (0xFFFF8FFEC)
YUV	250.7410, -7.2673, -2.4039
Hunter-Lab	98.7097, -10.8562, 13.0179

Details

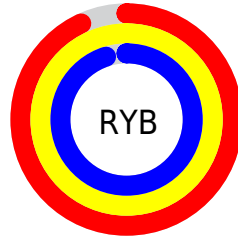
The CIELCh color 99, 9.971, 123.972 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94, 10.118, 304.739, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 9.849, 122.567 is the 20% darker color. If you saturate the color by 10%, you get 98, 23.353, 123.440, and if you desaturate by 10%, it is 100, 0.075, 320.313.

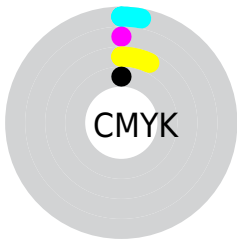
Distribution



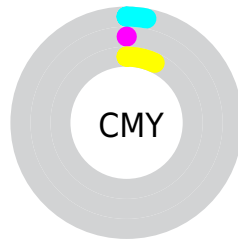
- Red (97%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 9.971, 123.972 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, 9.971, 123.972 by changing the saturation by 10% instead.

 99, 9.971, 123.972

 99, 9.971, 123.972

 100, 9.971,
123.972

 89, 9.971, 123.972

 79, 9.971, 123.972

 69, 9.971, 123.972


 59, 9.971, 123.972

 49, 9.971, 123.972

 39, 9.971, 123.972

 29, 9.971, 123.972

 19, 9.971, 123.972

 9, 9.971, 123.972

99, 9.971, 123.972

99, 9.971, 123.972

98, 23.353,
123.440

100, 0.075,
320.313

97, 36.625,
122.895

96, 49.652,
122.364

95, 62.228,
121.884

94, 74.045,
121.510

93, 84.667,
121.326

92, 93.522,
121.445

92, 100.026,
121.992

■ 91, 103.922,
123.035

Harmonies

Complementary

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



99, 9.971, 123.972



94, 10.118, 304.739

Rectangle

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



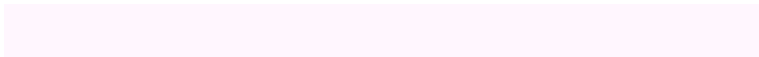
99, 9.971, 123.972



99, 9.971, 173.972



99, 9.971, 303.972



99, 9.971, 353.972

Sweetspot

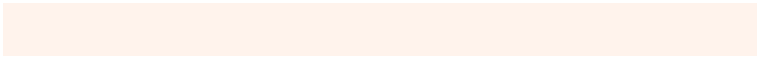
The Sweet Spot groups the original color and five complimentary colors.



99, 9.973, 123.978



100, 2.667, 124.284



97, 5.579, 59.039



53, 1.516, 124.291



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, 9.973, 123.978



99, 12.048, 123.895



98, 11.339, 140.422



53, 7.611, 123.868



70, 84.162, 123.062



24, 37.647, 121.548

Inverse Universe

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



94, 10.118, 304.739



93, 12.250, 304.827



95, 11.383, 321.094



49, 7.745, 304.856



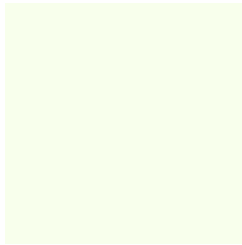
27, 103.316, 309.306



5, 44.862, 309.384

Previews

White Background



This preview shows how the CIE LCh color 99, 9.971, 123.972 looks on a white background.

Color Contrast Check

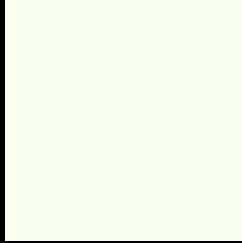
Large Text (above 18pt) WCAG AA × Fail

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, 9.971, 123.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

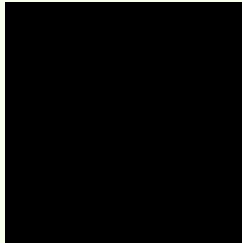
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

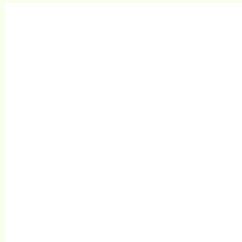
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 9.971, 123.972

Background



This preview shows how black text looks on a background with the CIELCh color 99, 9.971, 123.972.

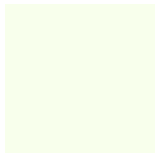


This preview shows how white text looks on a background with the CIELCh color 99, 9.971, 123.972.

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, 9.971, 123.972



Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 9.971, 123.972

Protanomaly

99, 5.590, 113.388

Deuteranomaly

99, 3.039, 109.924

Tritanomaly

99, 2.633, 125.444

Monochromacy



Original Color

99, 9.971, 123.972

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 3.128, 122.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 9.971, 123.972 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, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 236)  
}
```

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, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 9.971, 123.972 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, 255, 236) }
```

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

```
.border{ border-color:rgb(248, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 9.971, 123.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 236) }
```

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

```
.background{ background-color: rgb(248,  
255, 236) }
```

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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