

Converting Colors

CIELCh(98, 7.234, 123.663)

Have a look what the booklet for
CIELCh(98, 7.234, 123.663) contains.

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Color

CIELCh(98, 7.351, 123.652)

Conversions

Conversions Part 1

Format	Color
Hex	F6FBED
RGB	246, 251, 237
RGB Percent	96%, 98%, 93%
CMY	0.0343, 0.0147, 0.0696
CMYK	0.02, 0.00, 0.06, 0.01
HSL	81°, 65%, 96%
HSV	81°, 6%, 99%
XYZ	87.9900, 94.9163, 93.9927
YIQ	247.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

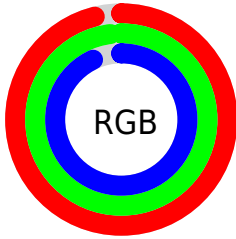
Format	Color
R _Y B	237, 251, 242
Decimal	16186349
CIE Lab	98.00, -4.07, 6.12
CIE LCh	98, 7.351, 123.652
Yxy	94.9163, 0.3178, 0.3428
Android (android.graphics.Color)	4294376429 (0xFFFF6FBED)
YUV	247.9090, -5.3781, -1.6742
Hunter-Lab	97.4250, -9.2804, 10.9963

Details

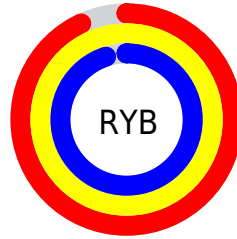
The CIELCh color **98, 7.351, 123.652** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.444, 304.224**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.712, 123.570** is the 20% darker color. If you saturate the color by 10%, you get **97, 20.557, 123.115**, and if you desaturate by 10%, it is **99, 2.334, 324.391**.

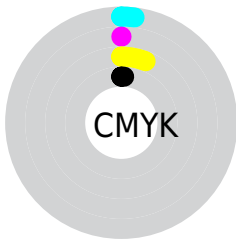
Distribution



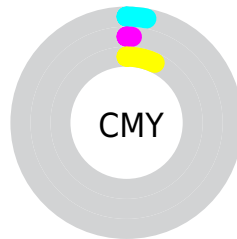
- Red (96%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (3%)
- Magenta (1%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.351, 123.652 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 98, 7.351, 123.652 by changing the saturation by 10% instead.

 98, 7.351, 123.652

 98, 7.351, 123.652

 100, 7.351,
123.652

 88, 7.351, 123.652

 78, 7.351, 123.652

 68, 7.351, 123.652

 58, 7.351, 123.652

 48, 7.351, 123.652

 38, 7.351, 123.652

 28, 7.351, 123.652

 18, 7.351, 123.652

 8, 7.351, 123.652

98, 7.351, 123.652

98, 7.351, 123.652

97, 20.557,
123.115

99, 2.334, 324.391

96, 33.673,
122.564

95, 46.574,
122.022

94, 59.072,
121.522

93, 70.887,
121.116

92, 81.613,
120.882

92, 90.706,
120.926

91, 97.576,
121.371

■ 90, 101.855,
122.308

Harmonies

Complementary

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



98, 7.351, 123.652



95, 7.444, 304.224

Rectangle

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



98, 7.351, 123.652



98, 7.351, 173.652



98, 7.351, 303.652



98, 7.351, 353.652

Sweetspot

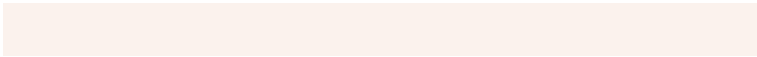
The Sweet Spot groups the original color and five complimentary colors.



98, 7.353, 123.660



100, 2.662, 123.867



96, 4.088, 57.147



53, 1.513, 123.874



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 7.353, 123.660



99, 9.349, 123.582



98, 8.325, 140.050



52, 5.975, 123.550



70, 83.011, 122.556



23, 36.298, 121.169

Inverse Universe

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



95, 7.444, 304.224



95, 9.480, 304.306



95, 8.360, 320.512



49, 6.064, 304.340



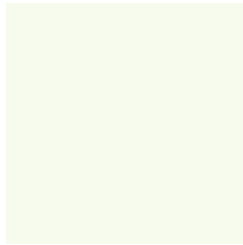
26, 102.498, 309.135



5, 42.986, 308.713

Previews

White Background



This preview shows how the CIE LCh color 98, 7.351, 123.652 looks on a white background.

Color Contrast Check

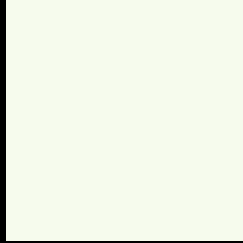
Large Text (above 18pt) WCAG AA × Fail

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 98, 7.351, 123.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

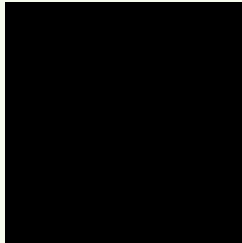
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

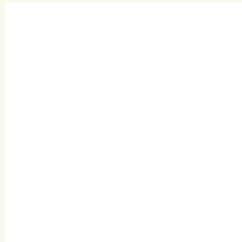
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.351, 123.652

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.351, 123.652.

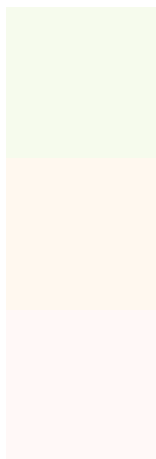


This preview shows how white text looks on a background with the CIELCh color 98, 7.351, 123.652.

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

98, 7.351, 123.652

Protanopia

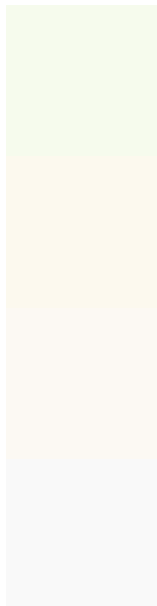
98, 5.196, 81.002

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 3.658, 301.411

Trichromacy



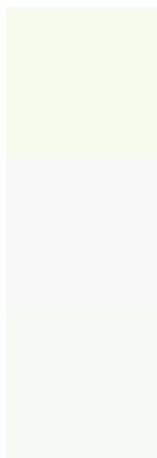
Original Color
98, 7.351, 123.652

Protanomaly
98, 5.682, 98.860

Deuteranomaly
98, 3.215, 90.594

Tritanomaly
98, 0.011, 296.813

Monochromacy



Original Color
98, 7.351, 123.652

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.641, 125.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.351, 123.652 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(246, 251, 237)` looks like.

```
.text, #text, p{  
    color:rgb(246, 251, 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(246, 251, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 251, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.351, 123.652 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(246, 251, 237) }
```

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

```
.border{ border-color:rgb(246, 251, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 251, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 251, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 251, 237);  
box-shadow:4px 4px 4px 4px rgb(246, 251,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.351, 123.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 251, 237) }
```

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

```
.background{ background-color: rgb(246,  
251, 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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