

Converting Colors

CIELCh(98, 2.482, 144.475)

Have a look what the booklet for
CIELCh(98, 2.482, 144.475) contains.

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Color

CIELCh(98, 2.481, 144.476)

Conversions

Conversions Part 1

Format	Color
Hex	F6FAF6
RGB	246, 250, 246
RGB Percent	96%, 98%, 96%
CMY	0.0339, 0.0182, 0.0339
CMYK	0.02, 0.00, 0.02, 0.02
HSL	120°, 30%, 97%
HSV	120°, 2%, 98%
XYZ	89.1075, 94.9163, 101.0904
YIQ	248.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

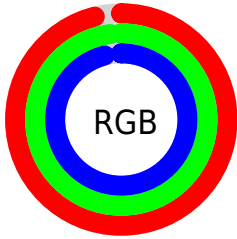
Format	Color
R _Y B	246, 250, 250
Decimal	16186102
CIE Lab	98.00, -2.02, 1.44
CIE LCh	98, 2.481, 144.476
Yxy	94.9163, 0.3125, 0.3329
Android (android.graphics.Color)	4294376182 (0xFFFF6FAF6)
YUV	248.3480, -1.1576, -2.0592
Hunter-Lab	97.4250, -7.2329, 6.6768

Details

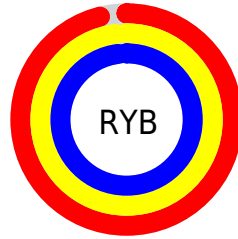
The CIELCh color **98, 2.481, 144.476** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 2.504, 324.410**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 2.605, 144.425** is the 20% darker color. If you saturate the color by 10%, you get **96, 18.202, 143.757**, and if you desaturate by 10%, it is **99, 2.895, 324.436**.

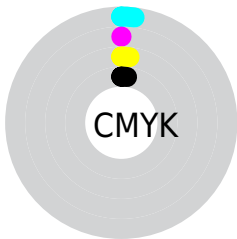
Distribution



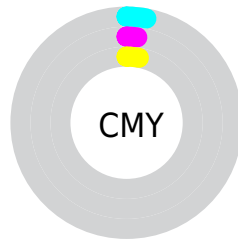
- Red (96%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (98%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.481, 144.476 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, 2.481, 144.476 by changing the saturation by 10% instead.

 98, 2.481, 144.476

 98, 2.481, 144.476

 100, 2.481,
144.476

 88, 2.481, 144.476

 78, 2.481, 144.476

 68, 2.481, 144.476

 58, 2.481, 144.476

 48, 2.481, 144.476

 38, 2.481, 144.476

 28, 2.481, 144.476

 18, 2.481, 144.476

 8, 2.481, 144.476

98, 2.481, 144.476

98, 2.481, 144.476

96, 18.202,
143.757

99, 2.895, 324.436

94, 34.014,
143.026

92, 49.677,
142.177

90, 64.865,
141.204

89, 79.159,
140.121

88, 92.041,
138.974

87, 102.899,
137.857

87, 111.085,
136.910

■ 86, 116.109,
136.280

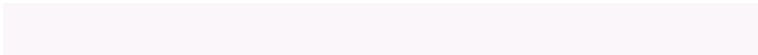
Harmonies

Complementary

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



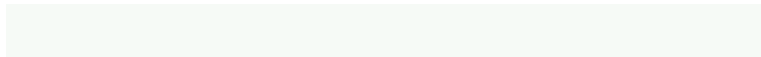
98, 2.481, 144.476



97, 2.504, 324.410

Rectangle

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



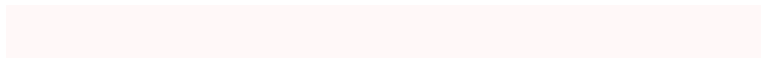
98, 2.481, 144.476



98, 2.481, 194.476



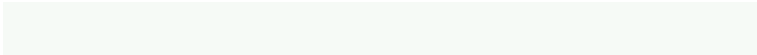
98, 2.481, 324.476



98, 2.481, 14.476

Sweetspot

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



98, 2.484, 144.477

100, 0.012, 296.813



98, 2.027, 109.987



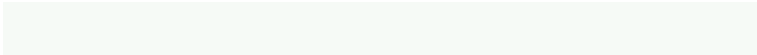
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

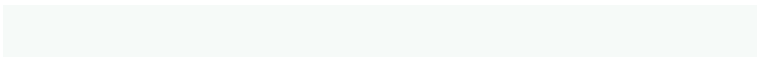
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 2.484, 144.477



100, 3.155, 144.429



98, 1.738, 163.796



52, 1.764, 144.440



67, 95.514, 136.016



21, 42.475, 137.060

Inverse Universe

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



97, 2.504, 324.410



99, 3.176, 324.456



97, 1.757, 343.509



52, 1.776, 324.445



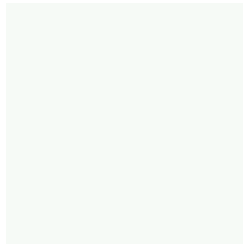
45, 92.153, 328.234



12, 41.694, 328.234

Previews

White Background



This preview shows how the CIELCh color 98, 2.481, 144.476 looks on a white background.

Color Contrast Check

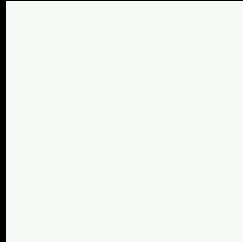
Large Text (above 18pt) WCAG AA × Fail

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, 2.481, 144.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

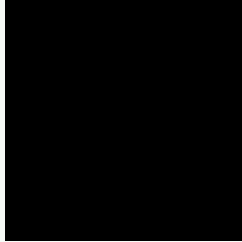
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

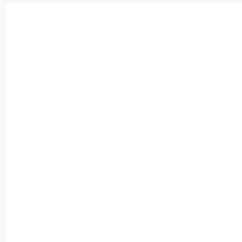
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.481, 144.476

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.481, 144.476.

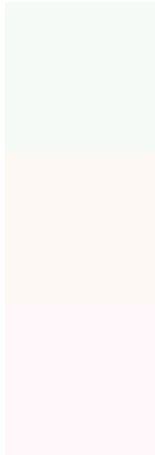


This preview shows how white text looks on a background with the CIELCh color 98, 2.481, 144.476.

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, 2.481, 144.476

Protanopia

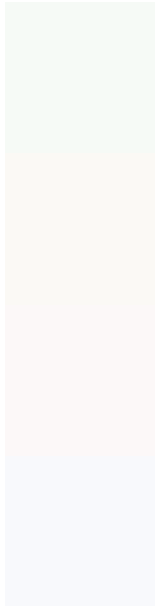
98, 2.599, 55.190

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.070, 290.433

Trichromacy



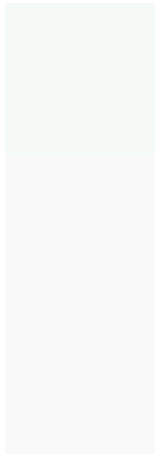
Original Color
98, 2.481, 144.476

Protanomaly
98, 2.139, 90.697

Deuteranomaly
98, 1.409, 19.037

Tritanomaly
98, 1.574, 277.558

Monochromacy



Original Color
98, 2.481, 144.476

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 0.612, 144.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.481, 144.476 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, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 250, 246)  
}
```

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, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 250, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.481, 144.476 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, 250, 246) }
```

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

```
.border{ border-color:rgb(246, 250, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 250,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.481, 144.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 250, 246) }
```

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

```
.background{ background-color: rgb(246,  
250, 246) }
```

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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