

Converting Colors

CIELCh(98, 4.307, 160.561)

Have a look what the booklet for
CIELCh(98, 4.307, 160.561) contains.

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Color

CIELCh(98, 4.672, 158.428)

Conversions

Conversions Part 1

Format	Color
Hex	F2FCF6
RGB	242, 252, 246
RGB Percent	95%, 99%, 96%
CMY	0.0520, 0.0128, 0.0363
CMYK	0.04, 0.00, 0.02, 0.01
HSL	144°, 60%, 97%
HSV	144°, 4%, 99%
XYZ	87.8431, 94.9163, 100.6617
YIQ	248.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

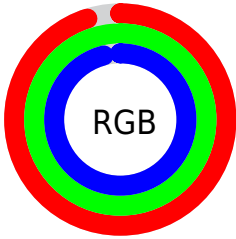
Format	Color
R _Y B	242, 249, 252
Decimal	15924470
CIE Lab	98.00, -4.34, 1.72
CIE LCh	98, 4.672, 158.428
Yxy	94.9163, 0.3099, 0.3349
Android (android.graphics.Color)	4294114550 (0xFFFF2FCF6)
YUV	248.3260, -1.1467, -5.5479
Hunter-Lab	97.4250, -9.5494, 6.9377

Details

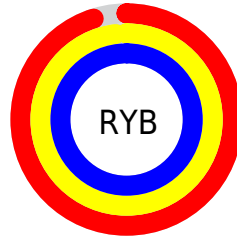
The CIELCh color **98, 4.672, 158.428** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 4.704, 338.829**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 4.275, 160.506** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.514, 157.539**, and if you desaturate by 10%, it is **99, 2.037, 324.361**.

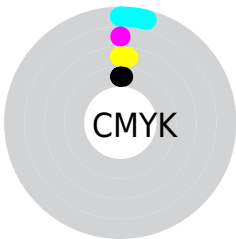
Distribution



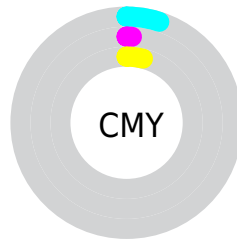
- Red (95%)
- Green (99%)
- Blue (96%)



- Red (95%)
- Yellow (98%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (5%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.672, 158.428 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, 4.672, 158.428 by changing the saturation by 10% instead.

 98, 4.672, 158.428

 98, 4.672, 158.428

 100, 4.672,
158.428

 88, 4.672, 158.428

 78, 4.672, 158.428

 68, 4.672, 158.428

 58, 4.672, 158.428

 48, 4.672, 158.428

 38, 4.672, 158.428

 28, 4.672, 158.428

 18, 4.672, 158.428

 8, 4.672, 158.428

98, 4.672, 158.428

98, 4.672, 158.428

96, 16.514,
157.539

99, 2.037, 324.361

94, 28.318,
156.607

92, 39.923,
155.555


91, 51.135,
154.355

90, 61.740,
152.981

89, 71.528,
151.412

88, 80.321,
149.635

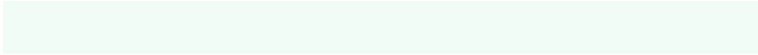
88, 88.000,
147.654

 87, 94.537,
145.507

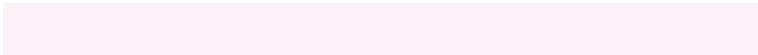
Harmonies

Complementary

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



98, 4.672, 158.428



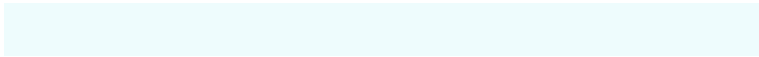
96, 4.704, 338.829

Rectangle

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



98, 4.672, 158.428



98, 4.672, 208.428



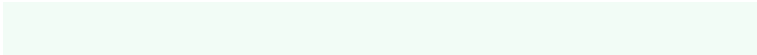
98, 4.672, 338.428



98, 4.672, 28.428

Sweetspot

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



98, 4.674, 158.421



100, 1.181, 158.928



98, 5.269, 124.713



53, 0.671, 158.951



0, 0.000, 0.000



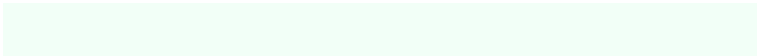
53, 0.007, 296.813

Same Dimension

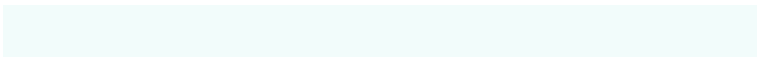
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 4.674, 158.421



99, 5.950, 158.322



98, 3.531, 189.660



52, 3.994, 158.259



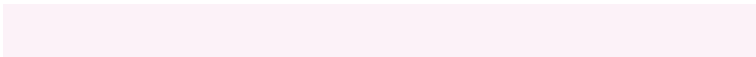
67, 78.203, 144.613



22, 32.962, 147.908

Inverse Universe

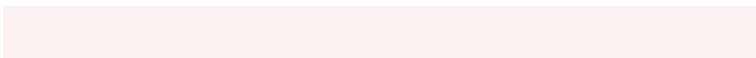
The Inverse Universe completely reimagines the original color for something new.



96, 4.704, 338.829



97, 5.988, 338.927



96, 3.605, 9.955



50, 4.021, 338.989



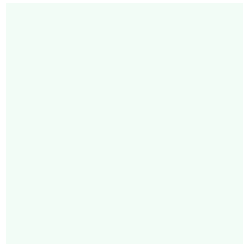
41, 69.675, 352.934



10, 32.327, 348.734

Previews

White Background



This preview shows how the CIE LCh color 98, 4.672, 158.428 looks on a white background.

Color Contrast Check

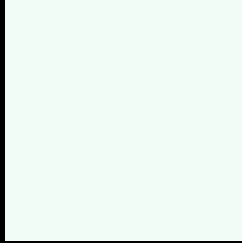
Large Text (above 18pt) WCAG AA × Fail

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, 4.672, 158.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

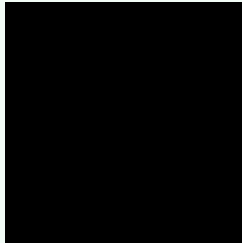
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

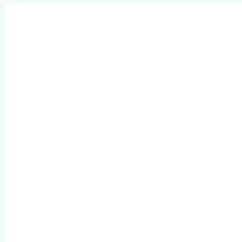
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 4.672, 158.428

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.672, 158.428.

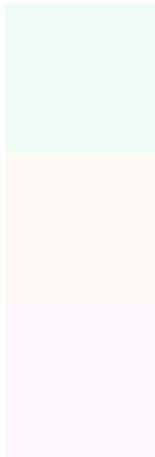


This preview shows how white text looks on a background with the CIELCh color 98, 4.672, 158.428.

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, 4.672, 158.428

Protanopia

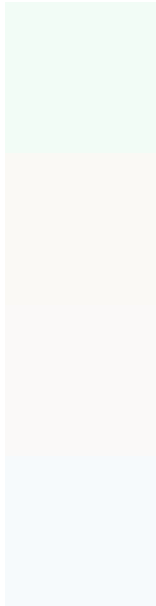
98, 3.192, 58.882

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.084, 283.981

Trichromacy



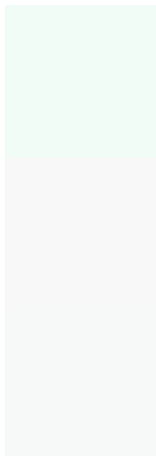
Original Color
98, 4.672, 158.428

Protanomaly
98, 2.053, 100.087

Deuteranomaly
98, 0.607, 74.606

Tritanomaly
98, 1.717, 236.229

Monochromacy



Original Color
98, 4.672, 158.428

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.466, 155.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.672, 158.428 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(242, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(242, 252, 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(242, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 252, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.672, 158.428 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(242, 252, 246) }
```

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

```
.border{ border-color:rgb(242, 252, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 252, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(242, 252,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.672, 158.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 252, 246) }
```

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

```
.background{ background-color: rgb(242,  
252, 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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