

Converting Colors

CIELCh(98, 3.618, 176.930)

Have a look what the booklet for
CIELCh(98, 3.618, 176.930) contains.

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Color

CIELCh(98, 3.307, 181.428)

Conversions

Conversions Part 1

Format	Color
Hex	F2FBF9
RGB	242, 251, 249
RGB Percent	95%, 98%, 98%
CMY	0.0500, 0.0147, 0.0226
CMYK	0.04, 0.00, 0.01, 0.01
HSL	167°, 55%, 97%
HSV	167°, 4%, 99%
XYZ	88.4064, 94.9163, 103.4777
YIQ	248.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

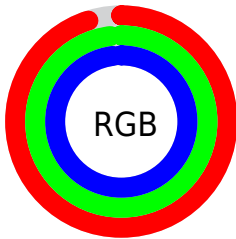
Format	Color
R _Y B	242, 247, 251
Decimal	15924217
CIE Lab	98.00, -3.31, -0.08
CIE LCh	98, 3.307, 181.428
Yxy	94.9163, 0.3083, 0.3309
Android (android.graphics.Color)	4294114297 (0xFFFF2FBF9)
YUV	248.0810, 0.4531, -5.3330
Hunter-Lab	97.4250, -8.5174, 5.2240

Details

The CIELCh color **98, 3.307, 181.428** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 3.361, 1.697**, 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, 3.466, 181.303** is the 20% darker color. If you saturate the color by 10%, you get **96, 12.410, 180.340**, and if you desaturate by 10%, it is **99, 2.270, 325.608**.

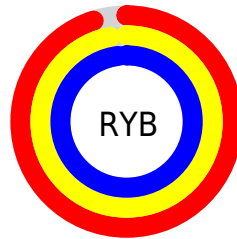
Distribution



Red (95%)

Green (98%)

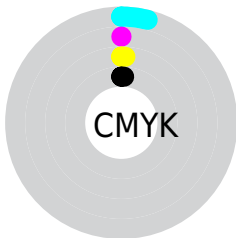
Blue (98%)



Red (95%)

Yellow (97%)

Blue (98%)

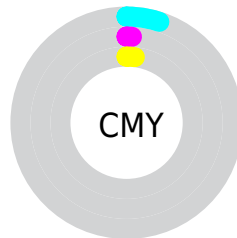


Cyan (4%)

Magenta (0%)

Yellow (1%)

Black (1%)



Cyan (5%)

Magenta (1%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.307, 181.428 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, 3.307, 181.428 by changing the saturation by 10% instead.

 98, 3.307, 181.428

 98, 3.307, 181.428

 100, 3.307,
181.428

 88, 3.307, 181.428

 78, 3.307, 181.428

 68, 3.307, 181.428


 58, 3.307, 181.428

 48, 3.307, 181.428

 38, 3.307, 181.428

 28, 3.307, 181.428

 18, 3.307, 181.428

 8, 3.307, 181.428

98, 3.307, 181.428

98, 3.307, 181.428

96, 12.410,
180.340

99, 2.270, 325.608

95, 21.192,
179.337

99, 2.341, 324.391

93, 29.510,
178.279


92, 37.205,
177.143

91, 44.120,
175.905

90, 50.121,
174.543

89, 55.117,
173.032

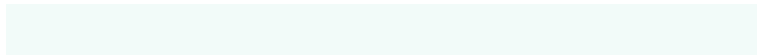
89, 59.079,
171.348

 89, 62.073,
169.481

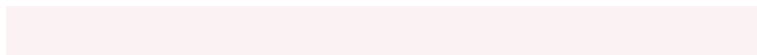
Harmonies

Complementary

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



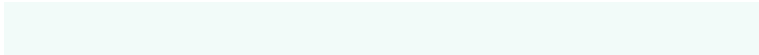
98, 3.307, 181.428



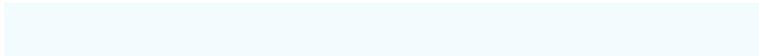
96, 3.361, 1.697

Rectangle

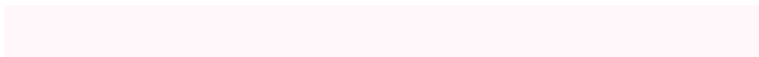
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



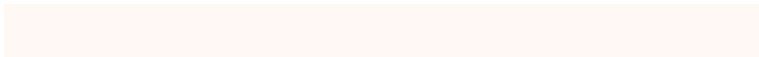
98, 3.307, 181.428



98, 3.307, 231.428



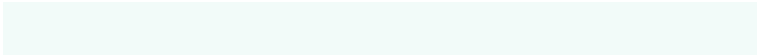
98, 3.307, 1.428



98, 3.307, 51.428

Sweetspot

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



98, 3.309, 181.402



100, 0.933, 182.101



98, 5.209, 137.695



53, 0.530, 182.139



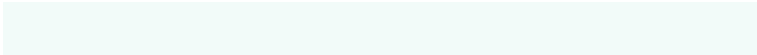
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 3.309, 181.402



99, 3.737, 181.345



97, 2.585, 227.885



52, 2.611, 181.252



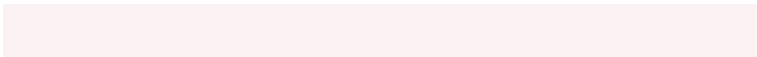
68, 51.051, 168.589



22, 22.284, 171.372

Inverse Universe

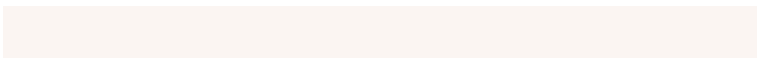
The Inverse Universe completely reimagines the original color for something new.



96, 3.361, 1.697



97, 3.800, 1.755



97, 2.630, 47.028



50, 2.661, 1.850



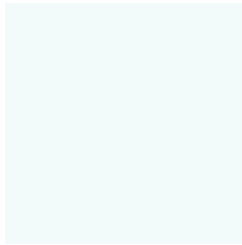
39, 73.091, 27.800



9, 30.883, 16.636

Previews

White Background



This preview shows how the CIELCh color 98, 3.307, 181.428 looks on a white background.

Color Contrast Check

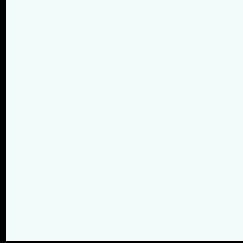
Large Text (above 18pt) WCAG AA × Fail

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, 3.307, 181.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

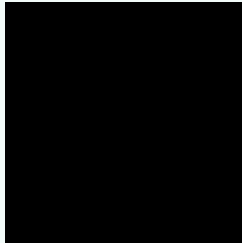
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

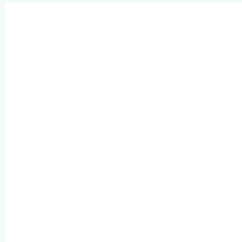
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.307, 181.428

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.307, 181.428.

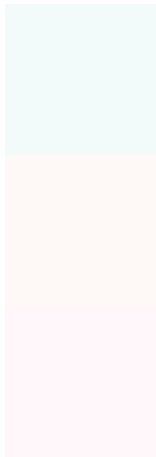


This preview shows how white text looks on a background with the CIELCh color 98, 3.307, 181.428.

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, 3.307, 181.428

Protanopia

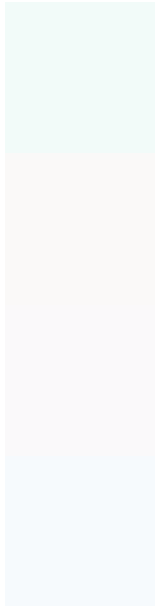
98, 2.172, 32.785

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.084, 283.981

Trichromacy



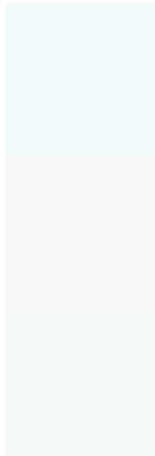
Original Color
98, 3.307, 181.428

Protanomaly
98, 0.607, 74.606

Deuteranomaly
98, 0.632, 323.982

Tritanomaly
98, 2.056, 247.866

Monochromacy



Original Color
98, 3.307, 181.428

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.168, 174.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.307, 181.428 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, 251, 249)` looks like.

```
.text, #text, p{  
    color:rgb(242, 251, 249)  
}
```

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, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 251, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.307, 181.428 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, 251, 249) }
```

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

```
.border{ border-color:rgb(242, 251, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 251, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 251, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 251, 249);  
box-shadow:4px 4px 4px 4px rgb(242, 251,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.307, 181.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 251, 249) }
```

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

```
.background{ background-color: rgb(242,  
251, 249) }
```

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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