

Converting Colors

CIELCh(98, 8.343, 181.241)

Have a look what the booklet for
CIELCh(98, 8.343, 181.241) contains.

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Color

CIElCh(98, 8.372, 181.182)

Conversions

Conversions Part 1

Format	Color
Hex	E7FEF9
RGB	231, 254, 249
RGB Percent	91%, 100%, 98%
CMY	0.0932, 0.0030, 0.0226
CMYK	0.09, 0.00, 0.02, 0.00
HSL	167°, 94%, 95%
HSV	167°, 9%, 100%
XYZ	85.6829, 94.9163, 103.6203
YIQ	246.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

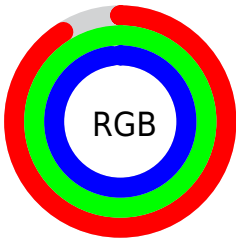
Format	Color
R _Y B	231, 244, 254
Decimal	15204089
CIE Lab	98.00, -8.37, -0.17
CIE LCh	98, 8.372, 181.182
Yxy	94.9163, 0.3015, 0.3340
Android (android.graphics.Color)	4293394169 (0xFFE7FEF9)
YUV	246.5530, 1.2064, -13.6400
Hunter-Lab	97.4250, -13.5072, 5.1372

Details

The CIELCh color **98, 8.372, 181.182** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **94, 8.666, 2.715**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.242, 183.733** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.377, 180.181**, and if you desaturate by 10%, it is **100, 0.387, 333.491**.

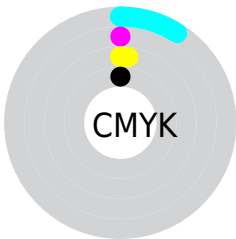
Distribution



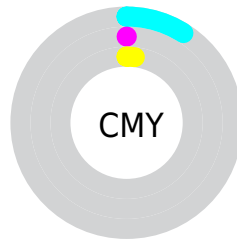
- Red (91%)
- Green (100%)
- Blue (98%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.372, 181.182 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, 8.372, 181.182 by changing the saturation by 10% instead.

 98, 8.372, 181.182

 98, 8.372, 181.182

 100, 8.372,
181.182

 88, 8.372, 181.182

 78, 8.372, 181.182

 68, 8.372, 181.182

 58, 8.372, 181.182

 48, 8.372, 181.182

 38, 8.372, 181.182

 28, 8.372, 181.182

 18, 8.372, 181.182

 8, 8.372, 181.182

98, 8.372, 181.182

98, 8.372, 181.182

96, 17.377,
180.181

100, 0.387,
333.491

95, 25.974,
179.156

100, 0.479,
323.813

93, 34.009,
178.064

92, 41.322,
176.883

91, 47.765,
175.592

91, 53.223,
174.164

90, 57.638,
172.576

90, 61.031,
170.809

■ 89, 63.562,
168.878

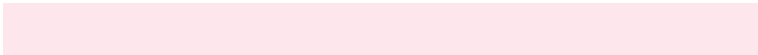
Harmonies

Complementary

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



98, 8.372, 181.182



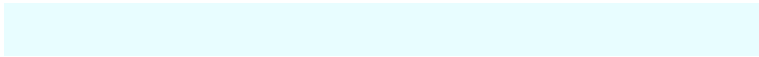
94, 8.666, 2.715

Rectangle

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



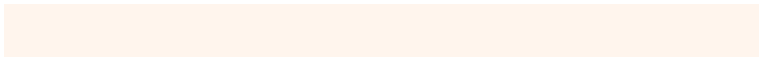
98, 8.372, 181.182



98, 8.372, 231.182



98, 8.372, 1.182



98, 8.372, 51.182

Sweetspot

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



98, 8.374, 181.172



99, 2.797, 181.869



98, 13.337, 137.414



53, 2.120, 181.751



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

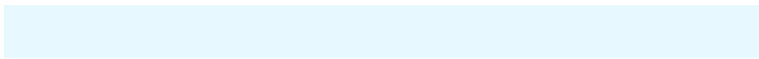
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.374, 181.172



98, 10.179, 180.977



97, 6.507, 228.090



52, 5.271, 181.126



69, 51.245, 169.056



23, 22.799, 171.679

Inverse Universe

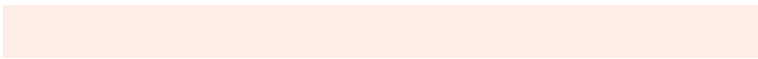
The Inverse Universe completely reimagines the original color for something new.



94, 8.666, 2.715



93, 10.612, 2.929



95, 6.855, 46.899



50, 5.464, 2.765



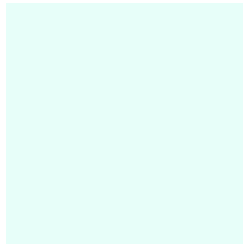
40, 74.097, 28.253



10, 31.882, 17.827

Previews

White Background



This preview shows how the CIELCh color 98, 8.372, 181.182 looks on a white background.

Color Contrast Check

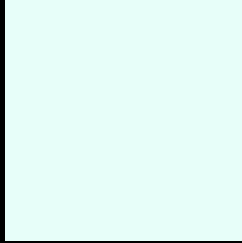
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 98, 8.372, 181.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

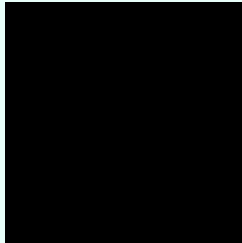
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

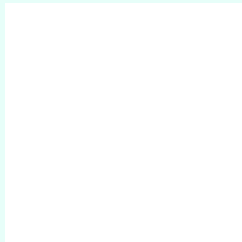
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.372, 181.182

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.372, 181.182.



This preview shows how white text looks on a background with the CIELCh color 98, 8.372, 181.182.

Color Blindness Simulation

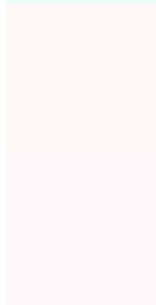
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 8.372, 181.182



Protanopia

98, 2.340, 45.008

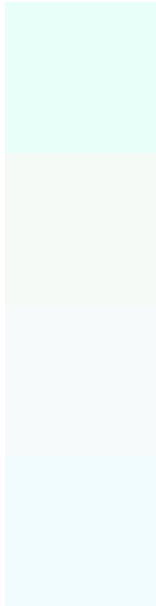
Deuteranopia

98, 3.223, 351.093



Tritanopia
98, 3.064, 256.053

Trichromacy



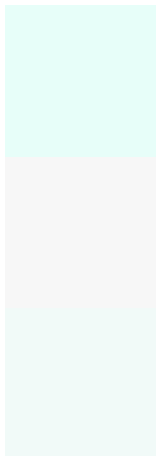
Original Color
98, 8.372, 181.182

Protanomaly
98, 2.080, 152.420

Deuteranomaly
98, 1.394, 199.784

Tritanomaly
98, 4.166, 206.340

Monochromacy



Original Color
98, 8.372, 181.182

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.310, 181.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.372, 181.182 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(231, 254, 249)` looks like.

```
.text, #text, p{  
    color:rgb(231, 254, 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(231, 254, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 254, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.372, 181.182 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(231, 254, 249) }
```

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

```
.border{ border-color:rgb(231, 254, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 254, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 254, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 254, 249);  
box-shadow:4px 4px 4px 4px rgb(231, 254,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.372, 181.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 254, 249) }
```

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

```
.background{ background-color: rgb(231,  
254, 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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