

Converting Colors

CIE LCh(98, 9.052, 158.098)

Have a look what the booklet for
CIELCh(98, 9.052, 158.098) contains.

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Color

CIELCh(98, 9.095, 156.681)

Conversions

Conversions Part 1

Format	Color
Hex	EBFEF2
RGB	235, 254, 242
RGB Percent	92%, 100%, 95%
CMY	0.0786, 0.0041, 0.0512
CMYK	0.07, 0.00, 0.05, 0.00
HSL	142°, 90%, 96%
HSV	142°, 7%, 100%
XYZ	85.6926, 94.9163, 97.7720
YIQ	246.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

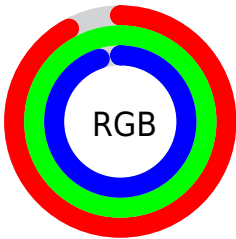
Format	Color
R _Y B	235, 249, 254
Decimal	15466226
CIE Lab	98.00, -8.35, 3.60
CIE LCh	98, 9.095, 156.681
Yxy	94.9163, 0.3078, 0.3410
Android (android.graphics.Color)	4293656306 (0xFFEBFEF2)
YUV	246.9510, -2.4408, -10.4810
Hunter-Lab	97.4250, -13.4895, 8.6963

Details

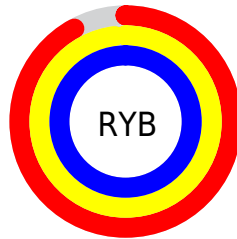
The CIELCh color **98, 9.095, 156.681** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 9.155, 337.690**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.909, 157.469** is the 20% darker color. If you saturate the color by 10%, you get **96, 21.319, 155.821**, and if you desaturate by 10%, it is **100, 0.655, 323.992**.

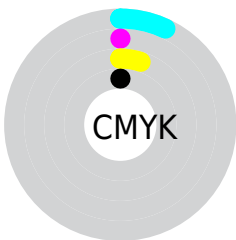
Distribution



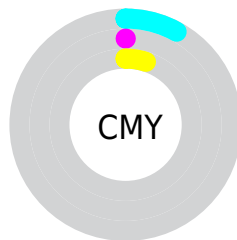
- Red (92%)
- Green (100%)
- Blue (95%)



- Red (92%)
- Yellow (98%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 9.095, 156.681 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, 9.095, 156.681 by changing the saturation by 10% instead.

 98, 9.095, 156.681

 98, 9.095, 156.681

 100, 9.095,
156.681

 88, 9.095, 156.681

 78, 9.095, 156.681

 68, 9.095, 156.681

 58, 9.095, 156.681

 48, 9.095, 156.681

 38, 9.095, 156.681

 28, 9.095, 156.681

 18, 9.095, 156.681

 8, 9.095, 156.681

98, 9.095, 156.681

98, 9.095, 156.681

96, 21.319,
155.821

100, 0.655,
323.992

94, 33.465,
154.868

93, 45.354,
153.783

91, 56.774,
152.539

90, 67.499,
151.113

89, 77.314,
149.487

89, 86.041,
147.658

88, 93.572,
145.645

■ 88, 99.901,
143.512

Harmonies

Complementary

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



98, 9.095, 156.681



95, 9.155, 337.690

Rectangle

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



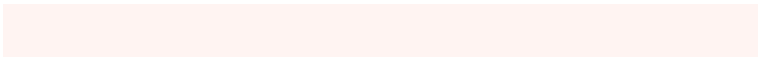
98, 9.095, 156.681



98, 9.095, 206.681



98, 9.095, 336.681



98, 9.095, 26.681

Sweetspot

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



98, 9.097, 156.678



100, 2.426, 157.222



99, 9.978, 123.904



53, 1.379, 157.238



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, 9.097, 156.678



98, 10.986, 156.550



98, 6.697, 187.937



52, 6.942, 156.508



68, 81.172, 143.387



23, 34.911, 146.457

Inverse Universe

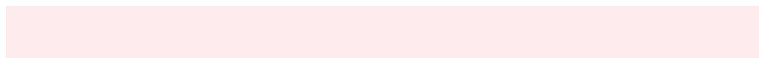
The Inverse Universe completely reimagines the original color for something new.



95, 9.155, 337.690



94, 11.063, 337.813



95, 6.941, 9.027



50, 6.991, 337.854



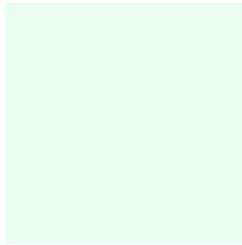
42, 71.432, 350.300



11, 33.684, 346.758

Previews

White Background



This preview shows how the CIELCh color 98, 9.095, 156.681 looks on a white background.

Color Contrast Check

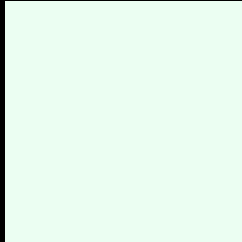
Large Text (above 18pt) WCAG AA × Fail

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, 9.095, 156.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

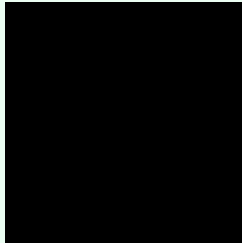
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

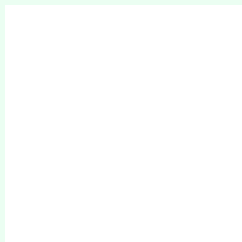
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 9.095, 156.681

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.095, 156.681.

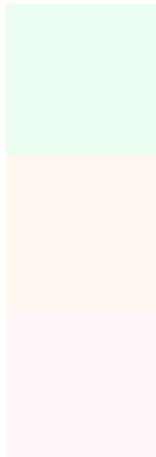


This preview shows how white text looks on a background with the CIELCh color 98, 9.095, 156.681.

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



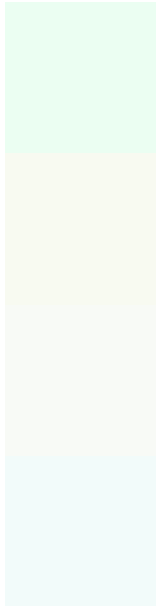
Original Color
98, 9.095, 156.681

Protanopia
98, 4.754, 78.119

Deuteranopia
98, 2.876, 9.172

Tritanopia
98, 3.225, 271.658

Trichromacy



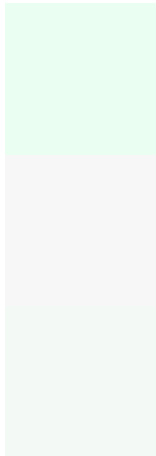
Original Color
98, 9.095, 156.681

Protanomaly
98, 4.634, 118.619

Deuteranomaly
98, 2.153, 129.064

Tritanomaly
98, 3.176, 190.162

Monochromacy



Original Color
98, 9.095, 156.681

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.556, 153.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.095, 156.681 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(235, 254, 242)` looks like.

```
.text, #text, p{  
    color:rgb(235, 254, 242)  
}
```

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(235, 254, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 254, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.095, 156.681 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(235, 254, 242) }
```

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

```
.border{ border-color:rgb(235, 254, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 254, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 254, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 254, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 254,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.095, 156.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 254, 242) }
```

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

```
.background{ background-color: rgb(235,  
254, 242) }
```

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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