

Converting Colors

CIELCh(100, 10.675, 162.665)

Have a look what the booklet for
CIELCh(100, 10.675, 162.665)
contains.

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Color

CIELCh(98, 7.542, 170.791)

Conversions

Conversions Part 1

Format	Color
Hex	EBFEF7
RGB	235, 254, 247
RGB Percent	92%, 100%, 97%
CMY	0.0799, 0.0055, 0.0329
CMYK	0.07, 0.00, 0.03, 0.01
HSL	158°, 87%, 96%
HSV	158°, 7%, 99%
XYZ	86.1764, 94.9163, 101.4554
YIQ	247.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

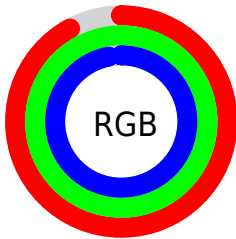
Format	Color
R _Y B	235, 247, 254
Decimal	15466231
CIE Lab	98.00, -7.44, 1.21
CIE LCh	98, 7.542, 170.791
Yxy	94.9163, 0.3050, 0.3359
Android (android.graphics.Color)	4293656311 (0xFFEBFEF7)
YUV	247.5210, -0.2569, -10.9809
Hunter-Lab	97.4250, -12.6032, 6.4547

Details

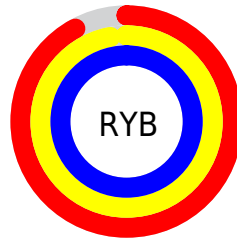
The CIELCh color **98, 7.542, 170.791** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.678, 352.014**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.332, 172.921** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.532, 169.767**, and if you desaturate by 10%, it is **100, 0.876, 324.119**.

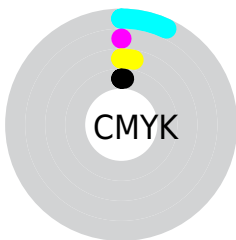
Distribution



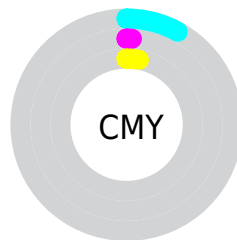
- Red (92%)
- Green (100%)
- Blue (97%)



- Red (92%)
- Yellow (97%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.542, 170.791 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, 7.542, 170.791 by changing the saturation by 10% instead.

 98, 7.542, 170.791

 98, 7.542, 170.791

 100, 7.542,
170.791

 88, 7.542, 170.791

 78, 7.542, 170.791

 68, 7.542, 170.791

 58, 7.542, 170.791

 48, 7.542, 170.791

 38, 7.542, 170.791

 28, 7.542, 170.791

 18, 7.542, 170.791

 8, 7.542, 170.791

98, 7.542, 170.791

98, 7.542, 170.791

96, 17.532,
169.767

100, 0.876,
324.119

94, 27.279,
168.691

93, 36.627,
167.512

92, 45.404,
166.203

91, 53.441,
164.739

90, 60.592,
163.092

89, 66.761,
161.241

89, 71.931,
159.176

■ 89,76.199,
156.916

Harmonies

Complementary

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



98, 7.542, 170.791



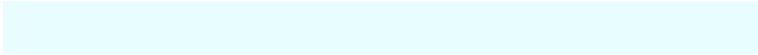
95, 7.678, 352.014

Rectangle

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



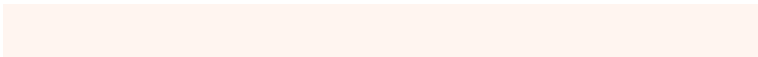
98, 7.542, 170.791



98, 7.542, 220.791



98, 7.542, 350.791



98, 7.542, 40.791

Sweetspot

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



98, 7.544, 170.783



100, 2.022, 171.482



98, 10.545, 132.739



53, 1.150, 171.505



0, 0.000, 0.000



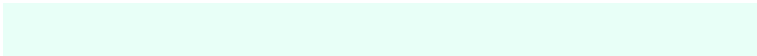
53, 0.007, 296.813

Same Dimension

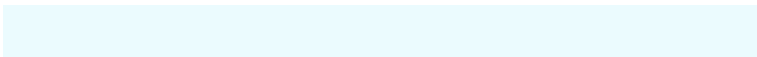
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.544, 170.783



98, 9.107, 170.628



98, 5.844, 210.338



52, 5.752, 170.577



69, 61.970, 156.771



23, 27.005, 159.929

Inverse Universe

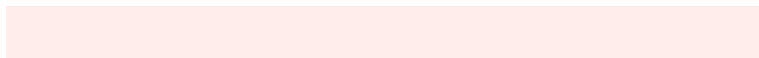
The Inverse Universe completely reimagines the original color for something new.



95, 7.678, 352.014



94, 9.297, 352.174



95, 6.133, 30.338



50, 5.878, 352.227



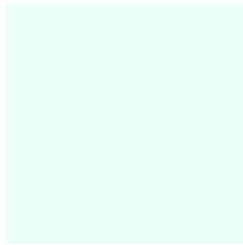
41, 68.830, 14.855



10, 31.286, 7.475

Previews

White Background



This preview shows how the CIE LCh color 98, 7.542, 170.791 looks on a white background.

Color Contrast Check

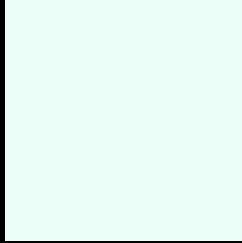
Large Text (above 18pt) WCAG AA × Fail

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, 7.542, 170.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

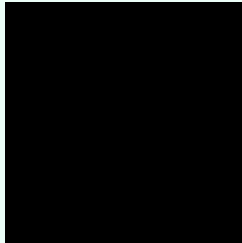
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

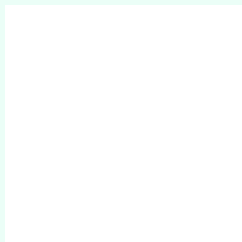
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.542, 170.791

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.542, 170.791.

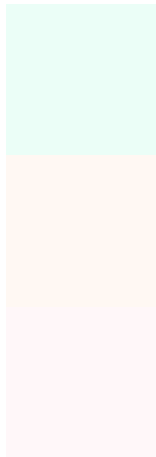


This preview shows how white text looks on a background with the CIELCh color 98, 7.542, 170.791.

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, 7.548, 170.788

Protanopia

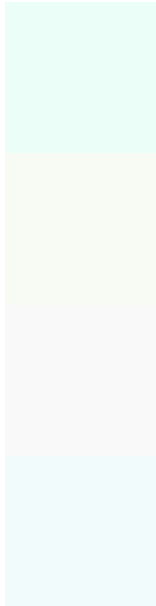
98, 3.537, 65.249

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.225, 271.658

Trichromacy



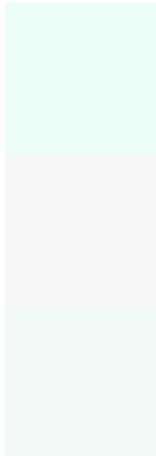
Original Color
98, 7.548, 170.788

Protanomaly
98, 3.133, 122.942

Deuteranomaly
98, 0.612, 144.916

Tritanomaly
98, 3.152, 208.737

Monochromacy



Original Color
98, 7.548, 170.788

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.659, 176.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.542, 170.791 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 254, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 254, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.542, 170.791 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, 247) }
```

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

```
.border{ border-color:rgb(235, 254, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 254, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 254, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 254,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.542, 170.791 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, 247) }
```

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

```
.background{ background-color: rgb(235,  
254, 247) }
```

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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