

Converting Colors

CIE LCh(98, 11.100, 157.604)

Have a look what the booklet for
CIELCh(98, 11.100, 157.604)
contains.

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Color

CIELCh(98, 11.087, 158.719)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFF1
RGB	231, 255, 241
RGB Percent	91%, 100%, 95%
CMY	0.0939, 0.0000, 0.0546
CMYK	0.09, 0.00, 0.05, 0.00
HSL	145°, 100%, 95%
HSV	145°, 9%, 100%
XYZ	84.6437, 94.9163, 97.1293
YIQ	246.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

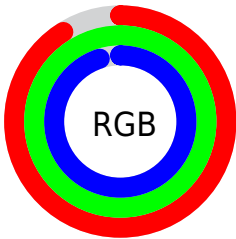
Format	Color
R_{YB}	231, 248, 255
Decimal	15204337
CIE _{Lab}	98.00, -10.33, 4.02
CIE _{LCh}	98, 11.087, 158.719
Yxy	94.9163, 0.3059, 0.3430
Android (android.graphics.Color)	4293394417 (0xFFE7FFF1)
YUV	246.2280, -2.5774, -13.3550
Hunter-Lab	97.4250, -15.4113, 9.0874

Details

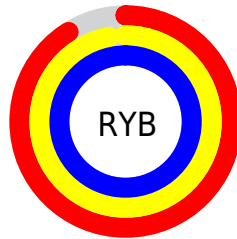
The CIELCh color **98, 11.087, 158.719** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **94, 11.145, 340.165**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 11.001, 159.406** is the 20% darker color. If you saturate the color by 10%, you get **96, 22.843, 157.874**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

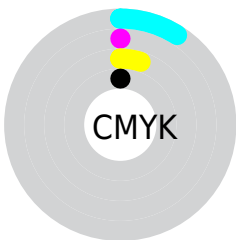
Distribution



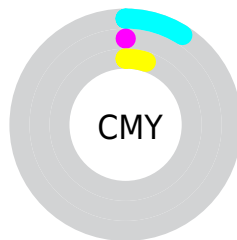
- Red (91%)
- Green (100%)
- Blue (95%)



- Red (91%)
- Yellow (97%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 11.087, 158.719 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, 11.087, 158.719 by changing the saturation by 10% instead.


 98, 11.087,
158.719


 98, 11.087,
158.719


 100, 11.087,
158.719


 88, 11.087,
158.719


 78, 11.087,
158.719

 68, 11.087,
158.719

 58, 11.087,
158.719

 48, 11.087,
158.719

 38, 11.087,
158.719

 28, 11.087,

158.719

■ 18, 11.087,
158.719

■ 8, 11.087, 158.719

■ 98, 11.087,
158.719

■ 98, 11.087,
158.719

■ 96, 22.843,
157.874

100, 0.012,
296.813

■ 94, 34.509,
156.870

■ 93, 45.865,
155.730

■ 91, 56.705,
154.429

■ 90, 66.817,
152.943

■ 90, 76.009,
151.251

■ 89, 84.137,
149.348

■ 89, 91.137,
147.250

■ 88, 97.091,
145.038

Harmonies

Complementary

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



98, 11.087, 158.719



94, 11.145, 340.165

Rectangle

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



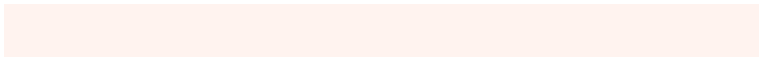
98, 11.087, 158.719



98, 11.087, 208.719



98, 11.087, 338.719



98, 11.087, 28.719

Sweetspot

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



98, 11.047, 158.777



99, 3.517, 159.375



99, 12.681, 125.659



53, 2.668, 159.286



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, 11.047, 158.777



98, 12.953, 158.635



98, 8.277, 191.885



52, 6.692, 158.766



68, 77.771, 145.322



23, 33.451, 148.481

Inverse Universe

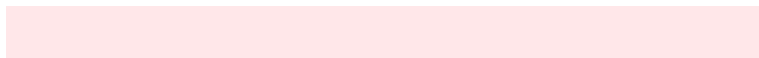
The Inverse Universe completely reimagines the original color for something new.



94, 11.145, 340.165



93, 13.083, 340.302



94, 8.706, 13.203



50, 6.752, 340.175



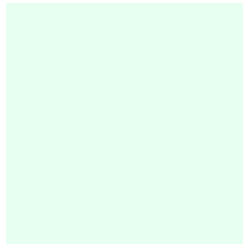
42, 69.836, 354.538



11, 32.875, 350.238

Previews

White Background



This preview shows how the CIE LCh color 98, 11.087, 158.719 looks on a white background.

Color Contrast Check

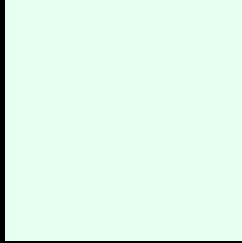
Large Text (above 18pt) WCAG AA × Fail

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, 11.087, 158.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

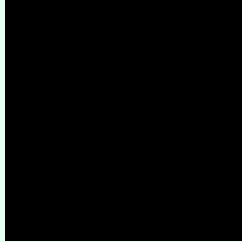
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

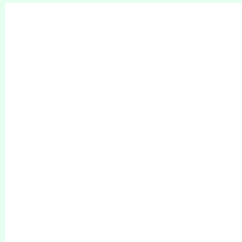
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 11.087, 158.719

Background



This preview shows how black text looks on a background with the CIELCh color 98, 11.087, 158.719.

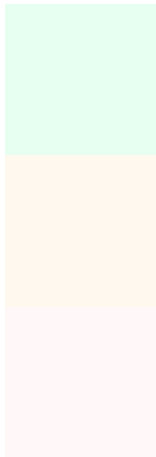


This preview shows how white text looks on a background with the CIELCh color 98, 11.087, 158.719.

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



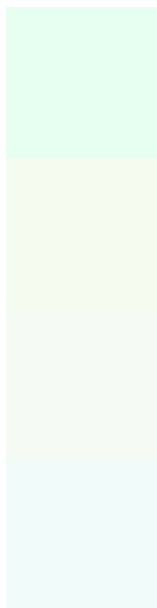
Original Color
98, 11.087, 158.719

Protanopia
98, 5.196, 81.002

Deuteranopia
98, 2.876, 9.172

Tritanopia
98, 3.347, 266.028

Trichromacy



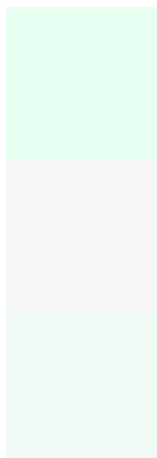
Original Color
98, 11.087, 158.719

Protanomaly
98, 5.882, 127.285

Deuteranomaly
98, 2.916, 138.808

Tritanomaly
98, 3.858, 191.721

Monochromacy



Original Color
98, 11.087, 158.719

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.812, 157.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 11.087, 158.719 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, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 241)  
}
```

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, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 11.087, 158.719 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, 255, 241) }
```

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

```
.border{ border-color:rgb(231, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 11.087, 158.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 241) }
```

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

```
.background{ background-color: rgb(231,  
255, 241) }
```

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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