

Converting Colors

CIELCh(100, 12.992, 179.030)

Have a look what the booklet for
CIELCh(100, 12.992, 179.030)
contains.

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Color

CIELCh(98, 9.555, 195.799)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFFE
RGB	227, 255, 254
RGB Percent	89%, 100%, 100%
CMY	0.1102, 0.0004, 0.0043
CMYK	0.11, 0.00, 0.00, 0.00
HSL	178°, 99%, 94%
HSV	178°, 11%, 100%
XYZ	85.2453, 94.9163, 107.5058
YIQ	246.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

Format	Color
R _{YB}	227, 241, 255
Decimal	14942206
CIE _{Lab}	98.00, -9.19, -2.60
CIE _{LCh}	98, 9.555, 195.799
Y _{xy}	94.9163, 0.2963, 0.3300
Android (android.graphics.Color)	4293132286 (0xFFE3FFFE)
Y _{UV}	246.5140, 3.6906, -17.1138
Hunter-Lab	97.4250, -14.3091, 2.7726

Details

The CIELCh color **98, 9.555, 195.799** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 10.205, 17.175**, 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, 9.606, 195.518** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.758, 195.136**, and if you desaturate by 10%, it is **100, 0.874, 197.112**.

Distribution



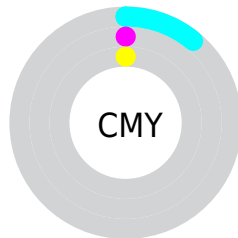
- Red (89%)
- Green (100%)
- Blue (100%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 9.555, 195.799 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, 9.555, 195.799 by changing the saturation by 10% instead.



98, 9.555, 195.799

98, 9.555, 195.799

96, 17.758,
195.136

100, 0.874,
197.112

95, 25.334,
194.528

100, 0.072,
320.147

94, 32.135,
193.953

93, 38.021,
193.406

92, 42.877,
192.884

92, 46.631,
192.381

91, 49.271,
191.887

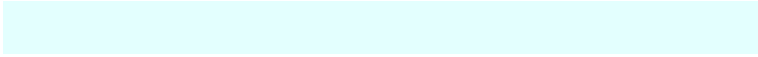
91, 50.863,
191.390

■ 91, 51.589,
190.932

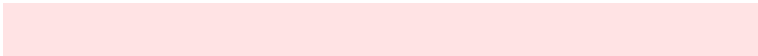
Harmonies

Complementary

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



98, 9.555, 195.799



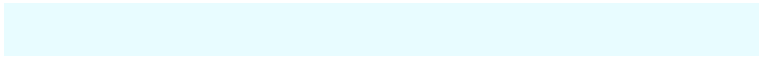
92, 10.205, 17.175

Rectangle

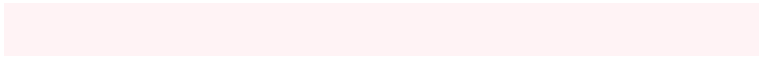
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



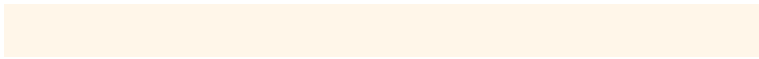
98, 9.555, 195.799



98, 9.555, 245.799



98, 9.555, 15.799



98, 9.555, 65.799

Sweetspot

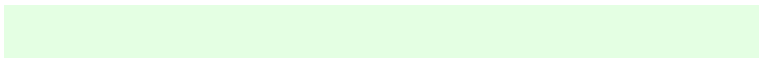
The Sweet Spot groups the original color and five complimentary colors.



98, 9.556, 195.788



99, 2.656, 196.477



97, 17.201, 142.498



53, 2.011, 196.373



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

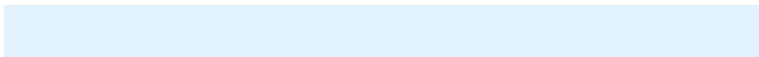
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 9.556, 195.788



98, 11.256, 195.651



95, 8.232, 251.258



52, 4.965, 195.892



70, 41.541, 191.022



24, 19.039, 191.651

Inverse Universe

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



92, 10.205, 17.175



91, 12.173, 17.357



96, 8.532, 68.497



49, 5.254, 17.044



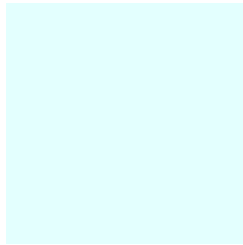
40, 82.674, 38.621



10, 33.074, 25.743

Previews

White Background



This preview shows how the CIELCh color 98, 9.555, 195.799 looks on a white background.

Color Contrast Check

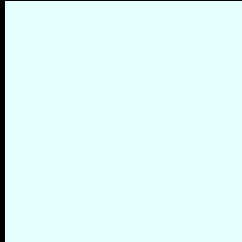
Large Text (above 18pt) WCAG AA × Fail

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, 9.555, 195.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

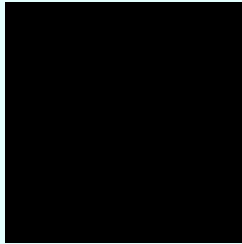
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

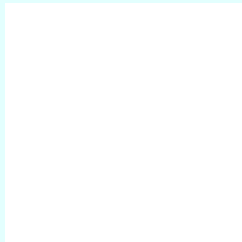
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 9.555, 195.799

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.555, 195.799.



This preview shows how white text looks on a background with the CIELCh color 98, 9.555, 195.799.

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, 9.555, 195.799

Protanopia

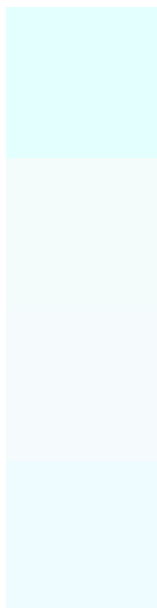
98, 2.047, 349.333

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.265, 251.001

Trichromacy



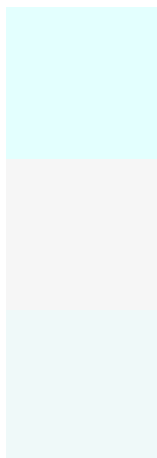
Original Color
98, 9.555, 195.799

Protanomaly
98, 2.433, 199.518

Deuteranomaly
98, 2.005, 230.268

Tritanomaly
98, 5.020, 217.019

Monochromacy



Original Color
98, 9.555, 195.799

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.472, 199.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.555, 195.799 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(227, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 254)  
}
```

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(227, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.555, 195.799 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(227, 255, 254) }
```

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

```
.border{ border-color:rgb(227, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.555, 195.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 254) }
```

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

```
.background{ background-color: rgb(227,  
255, 254) }
```

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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