

Converting Colors

CIELCh(100, 11.166, 178.835)

Have a look what the booklet for
CIELCh(100, 11.166, 178.835)
contains.

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Color

CIELCh(98, 8.229, 195.402)

Conversions

Conversions Part 1

Format	Color
Hex	E6FEFD
RGB	230, 254, 253
RGB Percent	90%, 100%, 99%
CMY	0.0975, 0.0034, 0.0073
CMYK	0.09, 0.00, 0.00, 0.00
HSL	177°, 93%, 95%
HSV	177°, 9%, 100%
XYZ	85.9156, 94.9163, 106.8336
YIQ	246.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

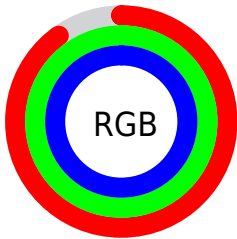
Format	Color
R _Y B	230, 242, 254
Decimal	15138557
CIE Lab	98.00, -7.93, -2.19
CIE LCh	98, 8.229, 195.402
Yxy	94.9163, 0.2987, 0.3300
Android (android.graphics.Color)	4293328637 (0xFFE6FEFD)
YUV	246.7100, 3.1010, -14.6547
Hunter-Lab	97.4250, -13.0810, 3.1816

Details

The CIELCh color **98, 8.229, 195.402** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.700, 16.556**, 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, 8.240, 195.097** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.510, 194.708**, and if you desaturate by 10%, it is **100, 0.305, 11.572**.

Distribution



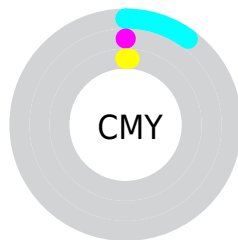
- Red (90%)
- Green (100%)
- Blue (99%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.229, 195.402 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, 8.229, 195.402 by changing the saturation by 10% instead.

 98, 8.229, 195.402

 98, 8.229, 195.402

 100, 8.229,
195.402

 88, 8.229, 195.402

 78, 8.229, 195.402

 68, 8.229, 195.402

 58, 8.229, 195.402

 48, 8.229, 195.402

 38, 8.229, 195.402

 28, 8.229, 195.402

 18, 8.229, 195.402

 8, 8.229, 195.402

98, 8.229, 195.402

98, 8.229, 195.402

96, 16.510,
194.708

100, 0.305, 11.572

95, 24.194,
194.074

100, 0.544,
323.891

94, 31.134,
193.469


93, 37.187,
192.887

92, 42.231,
192.325

91, 46.186,
191.775

91, 49.029,
191.227

91, 50.810,
190.668

 91, 51.715,
190.090

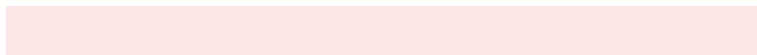
Harmonies

Complementary

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



98, 8.229, 195.402



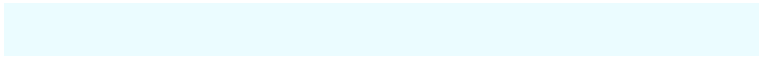
93, 8.700, 16.556

Rectangle

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



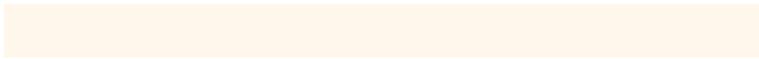
98, 8.229, 195.402



98, 8.229, 245.402



98, 8.229, 15.402



98, 8.229, 65.402

Sweetspot

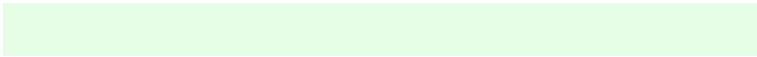
The Sweet Spot groups the original color and five complimentary colors.



98, 8.230, 195.389



99, 2.658, 195.978



98, 14.731, 142.594



53, 2.012, 195.874



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

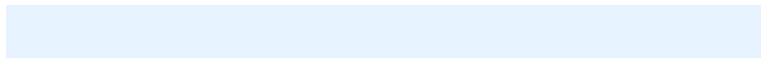
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.230, 195.389



98, 9.581, 195.277



95, 7.068, 251.056



52, 4.970, 195.384



70, 41.766, 190.161



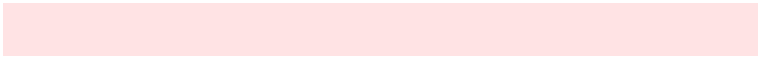
24, 19.127, 190.887

Inverse Universe

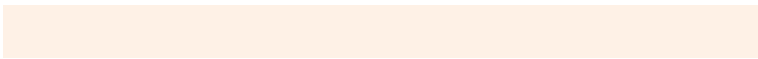
The Inverse Universe completely reimagines the original color for something new.



93, 8.700, 16.556



92, 10.225, 16.696



96, 7.283, 68.666



49, 5.256, 16.562



40, 82.437, 38.402



10, 33.028, 25.502

Previews

White Background



This preview shows how the CIELCh color 98, 8.229, 195.402 looks on a white background.

Color Contrast Check

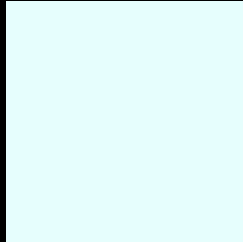
Large Text (above 18pt) WCAG AA × Fail

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, 8.229, 195.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

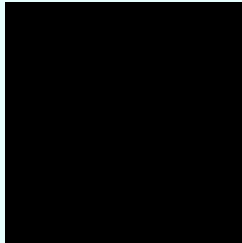
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

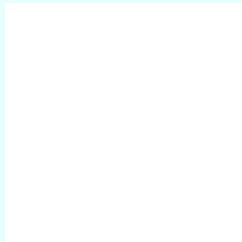
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.229, 195.402

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.229, 195.402.



This preview shows how white text looks on a background with the CIELCh color 98, 8.229, 195.402.

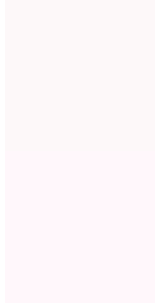
Color Blindness Simulation

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, 8.234, 195.399

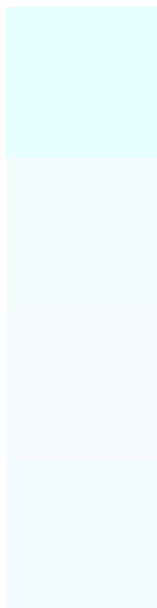


Protanopia
98, 1.840, 3.099

Deuteranopia
98, 3.497, 343.770

Tritanopia
98, 3.064, 256.053

Trichromacy



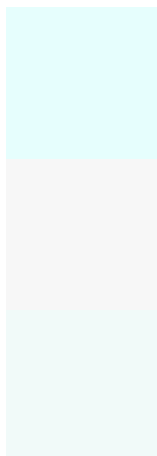
Original Color
98, 8.234, 195.399

Protanomaly
98, 1.808, 216.065

Deuteranomaly
98, 1.717, 236.229

Tritanomaly
98, 4.244, 213.228

Monochromacy



Original Color
98, 8.234, 195.399

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.178, 190.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.229, 195.402 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(230, 254, 253)` looks like.

```
.text, #text, p{  
    color:rgb(230, 254, 253)  
}
```

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(230, 254, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 254, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.229, 195.402 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(230, 254, 253) }
```

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

```
.border{ border-color:rgb(230, 254, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 254, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 254, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 254, 253);  
box-shadow:4px 4px 4px 4px rgb(230, 254,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.229, 195.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 254, 253) }
```

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

```
.background{ background-color: rgb(230,  
254, 253) }
```

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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