

Converting Colors

CIELCh(100, 11.426, 174.878)

Have a look what the booklet for
CIELCh(100, 11.426, 174.878)
contains.

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Color

CIELCh(98, 8.299, 191.883)

Conversions

Conversions Part 1

Format	Color
Hex	E6FEFC
RGB	230, 254, 252
RGB Percent	90%, 100%, 99%
CMY	0.0972, 0.0031, 0.0109
CMYK	0.09, 0.00, 0.01, 0.00
HSL	175°, 94%, 95%
HSV	175°, 9%, 100%
XYZ	85.8155, 94.9163, 106.0668
YIQ	246.5960, -13.6620, -5.7100

Conversions

Conversions Part 2

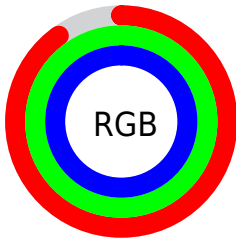
Format	Color
R _Y B	230, 243, 254
Decimal	15138556
CIE Lab	98.00, -8.12, -1.71
CIE LCh	98, 8.299, 191.883
Yxy	94.9163, 0.2992, 0.3310
Android (android.graphics.Color)	4293328636 (0xFFE6FEFC)
YUV	246.5960, 2.6642, -14.5547
Hunter-Lab	97.4250, -13.2642, 3.6483

Details

The CIELCh color **98, 8.299, 191.883** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.733, 13.199**, 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, 8.321, 191.408** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.700, 191.083**, and if you desaturate by 10%, it is **100, 0.286, 4.831**.

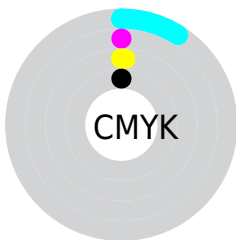
Distribution



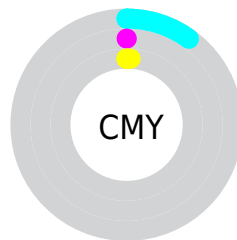
- Red (90%)
- Green (100%)
- Blue (99%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.299, 191.883 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, 8.299, 191.883 by changing the saturation by 10% instead.

 98, 8.299, 191.883

 98, 8.299, 191.883

 100, 8.299,
191.883

 88, 8.299, 191.883

 78, 8.299, 191.883

 68, 8.299, 191.883

 58, 8.299, 191.883

 48, 8.299, 191.883

 38, 8.299, 191.883

 28, 8.299, 191.883

 18, 8.299, 191.883

 8, 8.299, 191.883

98, 8.299, 191.883

98, 8.299, 191.883

96, 16.700,
191.083

100, 0.286, 4.831

95, 24.548,
190.318

100, 0.498,
323.838

94, 31.692,
189.552


93, 37.984,
188.775

92, 43.297,
187.976

91, 47.539,
187.141

91, 50.679,
186.255

90, 52.760,
185.298

 90, 53.965,
184.267

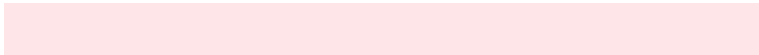
Harmonies

Complementary

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



98, 8.299, 191.883



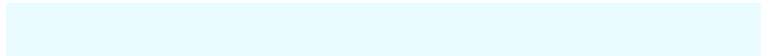
93, 8.733, 13.199

Rectangle

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



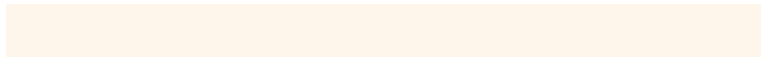
98, 8.299, 191.883



98, 8.299, 241.883



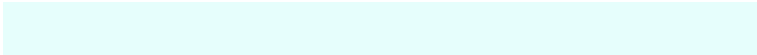
98, 8.299, 11.883



98, 8.299, 61.883

Sweetspot

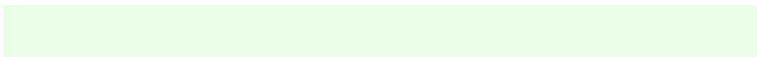
The Sweet Spot groups the original color and five complimentary colors.



98, 8.300, 191.871



99, 2.676, 192.515



98, 14.494, 141.241



53, 2.026, 192.405



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

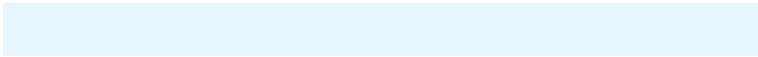
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.300, 191.871



98, 9.668, 191.743



96, 6.881, 245.032



52, 5.013, 191.865



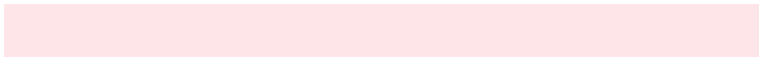
70, 43.547, 184.398



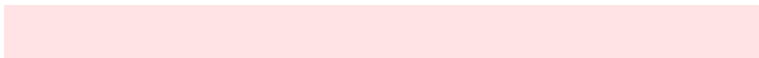
24, 19.822, 185.743

Inverse Universe

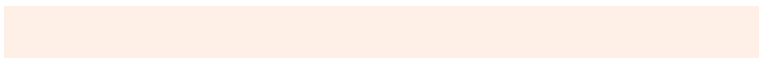
The Inverse Universe completely reimagines the original color for something new.



93, 8.733, 13.199



93, 10.260, 13.352



96, 7.145, 62.855



50, 5.276, 13.205



40, 80.743, 36.752



10, 32.717, 23.800

Previews

White Background



This preview shows how the CIELCh color 98, 8.299, 191.883 looks on a white background.

Color Contrast Check

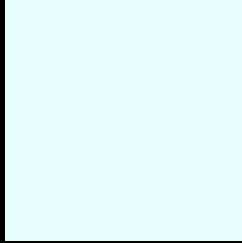
Large Text (above 18pt) WCAG AA × Fail

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, 8.299, 191.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

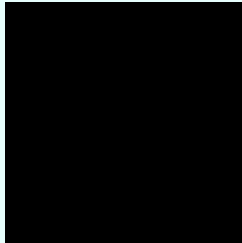
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

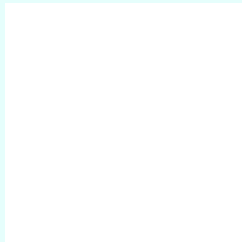
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.299, 191.883

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.299, 191.883.



This preview shows how white text looks on a background with the CIELCh color 98, 8.299, 191.883.

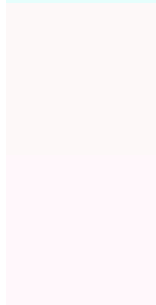
Color Blindness Simulation

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, 8.305, 191.880

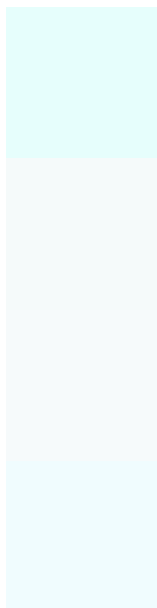


Protanopia
98, 1.762, 19.152

Deuteranopia
98, 3.497, 343.770

Tritanopia
98, 3.064, 256.053

Trichromacy



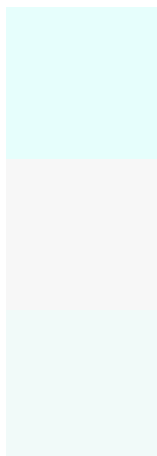
Original Color
98, 8.305, 191.880

Protanomaly
98, 1.742, 199.668

Deuteranomaly
98, 1.479, 219.958

Tritanomaly
98, 4.244, 213.228

Monochromacy



Original Color
98, 8.305, 191.880

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, 8.299, 191.883 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(230, 254, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 254, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.299, 191.883 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, 252) }
```

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

```
.border{ border-color:rgb(230, 254, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 254, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 254, 252);  
box-shadow:4px 4px 4px 4px rgb(230, 254,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.299, 191.883 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, 252) }
```

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

```
.background{ background-color: rgb(230,  
254, 252) }
```

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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