

Converting Colors

CIELCh(98, 8.508, 191.263)

Have a look what the booklet for
CIELCh(98, 8.508, 191.263) contains.

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Color

CIElCh(98, 8.305, 191.880)

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	85.8124, 94.9163, 106.0681
YIQ	246.5960, -13.6620, -5.7100

Conversions

Conversions Part 2

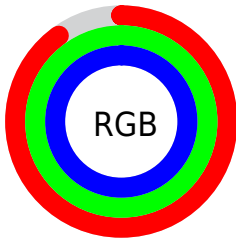
Format	Color
R _{YB}	230, 243, 254
Decimal	15138556
CIE Lab	98.00, -8.13, -1.71
CIE LCh	98, 8.305, 191.880
Yxy	94.9163, 0.2992, 0.3310
Android (android.graphics.Color)	4293328636 (0xFFE6FEFC)
YUV	246.5960, 2.6642, -14.5547
Hunter-Lab	97.4250, -13.2701, 3.6475

Details

The CIELCh color **98, 8.305, 191.880** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.740, 13.197**, 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, 16.706, 191.080**, and if you desaturate by 10%, it is **100, 0.285, 4.906**.

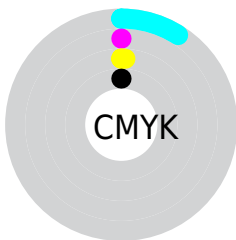
Distribution



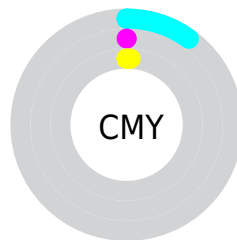
- Red (90%)
- Green (100%)
- Blue (99%)



- 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, 8.305, 191.880 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, 8.305, 191.880 by changing the saturation by 10% instead.

 98, 8.305, 191.880

 98, 8.305, 191.880

 100, 8.305,
191.880

 88, 8.305, 191.880

 78, 8.305, 191.880

 68, 8.305, 191.880

 58, 8.305, 191.880

 48, 8.305, 191.880

 38, 8.305, 191.880

 28, 8.305, 191.880

 18, 8.305, 191.880

 8, 8.305, 191.880

98, 8.305, 191.880

98, 8.305, 191.880

96, 16.706,
191.080

100, 0.285, 4.906

95, 24.553,
190.314

100, 0.496,
323.835

94, 31.697,
189.548


93, 37.989,
188.771

92, 43.301,
187.972

91, 47.543,
187.138

91, 50.683,
186.251

90, 52.763,
185.294

 90, 53.968,
184.262

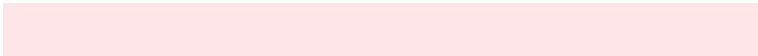
Harmonies

Complementary

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



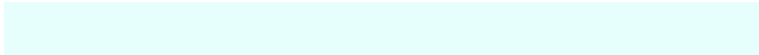
98, 8.305, 191.880



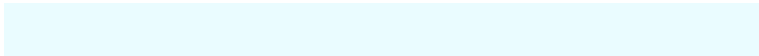
93, 8.740, 13.197

Rectangle

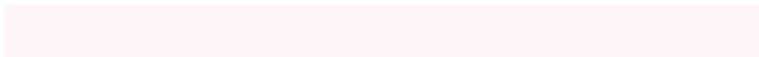
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



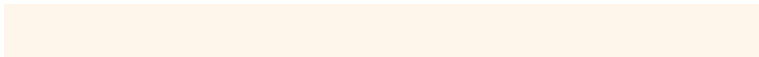
98, 8.305, 191.880



98, 8.305, 241.880



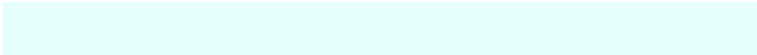
98, 8.305, 11.880



98, 8.305, 61.880

Sweetspot

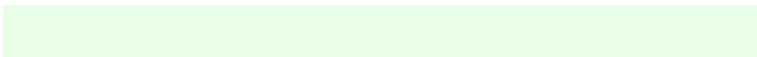
The Sweet Spot groups the original color and five complimentary colors.



98, 8.306, 191.868



99, 2.676, 192.513



98, 14.505, 141.241



53, 2.026, 192.402



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

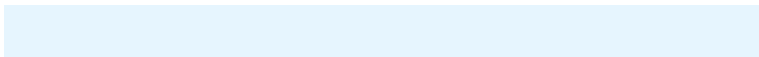
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.306, 191.868



98, 9.668, 191.740



96, 6.885, 245.033



52, 5.013, 191.863



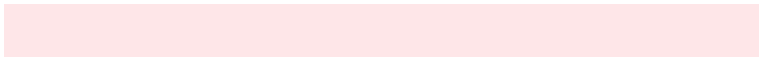
70, 43.548, 184.395



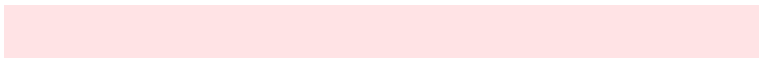
24, 19.822, 185.740

Inverse Universe

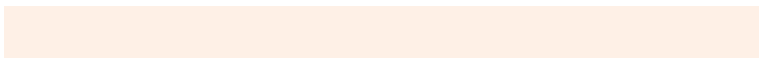
The Inverse Universe completely reimagines the original color for something new.



93, 8.740, 13.197



93, 10.260, 13.349



96, 7.150, 62.854



50, 5.276, 13.203



40, 80.741, 36.750



10, 32.717, 23.799

Previews

White Background



This preview shows how the CIELCh color 98, 8.305, 191.880 looks on a white background.

Color Contrast Check

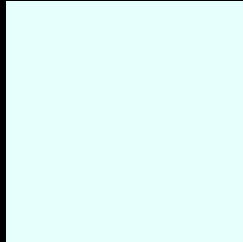
Large Text (above 18pt) WCAG AA × Fail

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, 8.305, 191.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

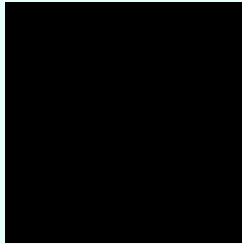
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

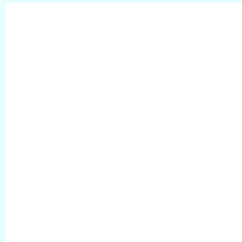
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.305, 191.880

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.305, 191.880.



This preview shows how white text looks on a background with the CIELCh color 98, 8.305, 191.880.

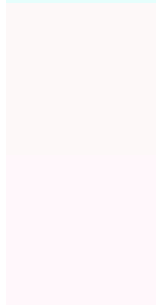
Color Blindness Simulation

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

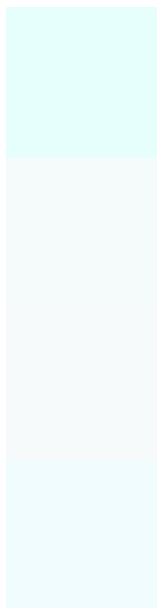


Protanopia
98, 1.762, 19.152

Deuteranopia
98, 3.497, 343.770

Tritanopia
98, 3.064, 256.053

Trichromacy



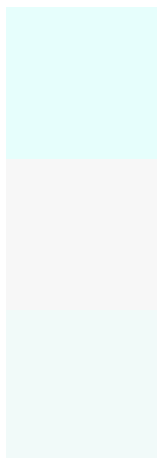
Original Color
98, 8.305, 191.880

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, 8.305, 191.880 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, 8.305, 191.880 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, 8.305, 191.880 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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