

Converting Colors

CIELCh(98, 8.476, 188.216)

Have a look what the booklet for
CIELCh(98, 8.476, 188.216) contains.

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Color

CIELCh(98, 8.406, 188.432)

Conversions

Conversions Part 1

Format	Color
Hex	E6FEFB
RGB	230, 254, 251
RGB Percent	90%, 100%, 98%
CMY	0.0969, 0.0028, 0.0146
CMYK	0.09, 0.00, 0.01, 0.00
HSL	172°, 94%, 95%
HSV	172°, 9%, 100%
XYZ	85.7122, 94.9163, 105.3042
YIQ	246.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

Format	Color
R _{YB}	230, 243, 254
Decimal	15138555
CIE Lab	98.00, -8.32, -1.23
CIE LCh	98, 8.406, 188.432
Yxy	94.9163, 0.2998, 0.3320
Android (android.graphics.Color)	4293328635 (0xFFE6FEFB)
YUV	246.4820, 2.2274, -14.4547
Hunter-Lab	97.4250, -13.4535, 4.1124

Details

The CIELCh color **98, 8.406, 188.432** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.804, 9.877**, 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, 16.959, 187.547**, and if you desaturate by 10%, it is **100, 0.271, 357.326**.

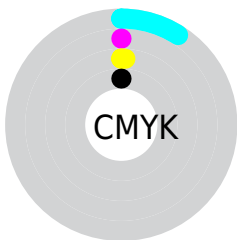
Distribution



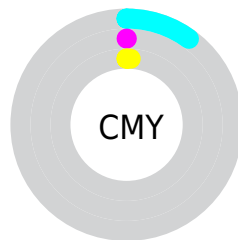
- Red (90%)
- Green (100%)
- Blue (98%)



- 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, 8.406, 188.432 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, 8.406, 188.432 by changing the saturation by 10% instead.

 98, 8.406, 188.432

 98, 8.406, 188.432

 100, 8.406,
188.432

 88, 8.406, 188.432

 78, 8.406, 188.432

 68, 8.406, 188.432

 58, 8.406, 188.432

 48, 8.406, 188.432

 38, 8.406, 188.432

 28, 8.406, 188.432

 18, 8.406, 188.432

 8, 8.406, 188.432

98, 8.406, 188.432

98, 8.406, 188.432

96, 16.959,
187.547

100, 0.271,
357.326

95, 25.003,
186.675

100, 0.451,
323.770

94, 32.385,
185.777

93, 38.953,
184.838

92, 44.573,
183.843

91, 49.146,
182.773

91, 52.632,
181.607

90, 55.068,
180.324

■ 90, 56.635,
178.926

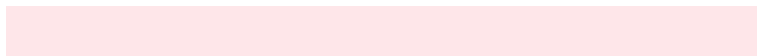
Harmonies

Complementary

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



98, 8.406, 188.432



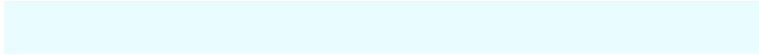
93, 8.804, 9.877

Rectangle

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



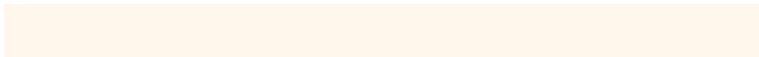
98, 8.406, 188.432



98, 8.406, 238.432



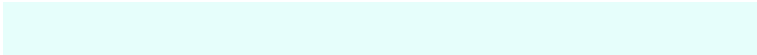
98, 8.406, 8.432



98, 8.406, 58.432

Sweetspot

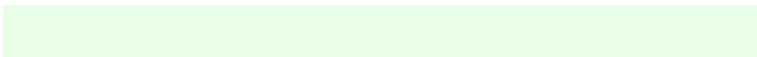
The Sweet Spot groups the original color and five complimentary colors.



98, 8.408, 188.420



99, 2.704, 189.108



98, 14.353, 140.312



53, 2.048, 188.993



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

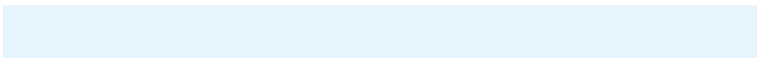
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.408, 188.420



98, 9.790, 188.281



96, 6.805, 240.868



52, 5.074, 188.415



70, 45.659, 179.108



23, 20.639, 180.962

Inverse Universe

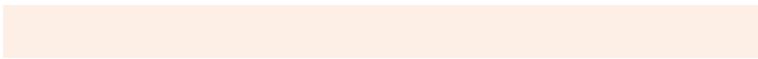
The Inverse Universe completely reimagines the original color for something new.



93, 8.804, 9.877



93, 10.331, 10.039



95, 7.101, 58.879



50, 5.315, 9.884



40, 78.743, 34.591



10, 32.434, 22.066

Previews

White Background



This preview shows how the CIELCh color 98, 8.406, 188.432 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, 8.406, 188.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

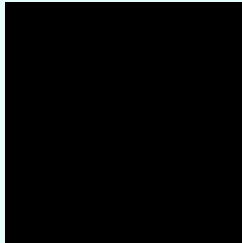
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

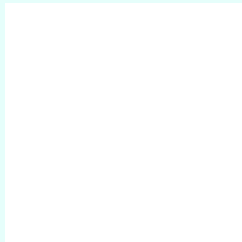
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.406, 188.432

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.406, 188.432.



This preview shows how white text looks on a background with the CIELCh color 98, 8.406, 188.432.

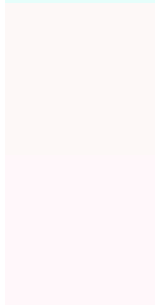
Color Blindness Simulation

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, 8.406, 188.432

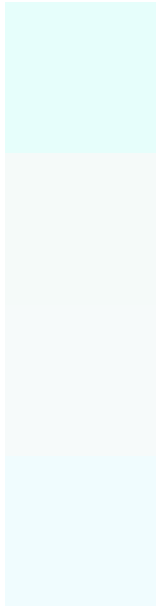


Protanopia
98, 1.828, 35.313

Deuteranopia
98, 3.223, 351.093

Tritanopia
98, 3.064, 256.053

Trichromacy



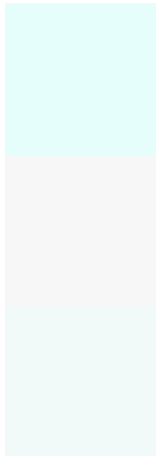
Original Color
98, 8.406, 188.432

Protanomaly
98, 1.822, 183.403

Deuteranomaly
98, 1.394, 199.784

Tritanomaly
98, 4.244, 213.228

Monochromacy



Original Color
98, 8.406, 188.432

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, 8.406, 188.432 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(230, 254, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 254, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.406, 188.432 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, 251) }
```

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

```
.border{ border-color:rgb(230, 254, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(230, 254,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.406, 188.432 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, 251) }
```

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

```
.background{ background-color: rgb(230,  
254, 251) }
```

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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