

Converting Colors

CIELCh(100, 12.640, 168.705)

Have a look what the booklet for
CIELCh(100, 12.640, 168.705)
contains.

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Color

CIELCh(98, 8.688, 181.836)

Conversions

Conversions Part 1

Format	Color
Hex	E6FEF9
RGB	230, 254, 249
RGB Percent	90%, 100%, 98%
CMY	0.0963, 0.0022, 0.0218
CMYK	0.09, 0.00, 0.02, 0.00
HSL	167°, 95%, 95%
HSV	167°, 9%, 100%
XYZ	85.5163, 94.9163, 103.7874
YIQ	246.2540, -12.6990, -6.6430

Conversions

Conversions Part 2

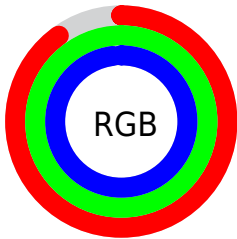
Format	Color
R _Y B	230, 243, 254
Decimal	15138553
CIE Lab	98.00, -8.68, -0.28
CIE LCh	98, 8.688, 181.836
Yxy	94.9163, 0.3009, 0.3340
Android (android.graphics.Color)	4293328633 (0xFFE6FEF9)
YUV	246.2540, 1.3538, -14.2548
Hunter-Lab	97.4250, -13.8125, 5.0355

Details

The CIELCh color **98, 8.688, 181.836** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 9.015, 3.439**, 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, 8.580, 184.308** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.636, 180.843**, and if you desaturate by 10%, it is **100, 0.260, 340.180**.

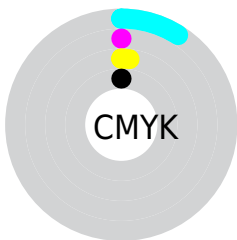
Distribution



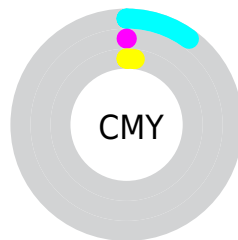
- Red (90%)
- Green (100%)
- Blue (98%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.688, 181.836 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, 8.688, 181.836 by changing the saturation by 10% instead.

 98, 8.688, 181.836

 98, 8.688, 181.836

 100, 8.688,
181.836

 88, 8.688, 181.836

 78, 8.688, 181.836

 68, 8.688, 181.836


 58, 8.688, 181.836

 48, 8.688, 181.836

 38, 8.688, 181.836

 28, 8.688, 181.836

 18, 8.688, 181.836

 8, 8.688, 181.836

98, 8.688, 181.836

98, 8.688, 181.836

96, 17.636,
180.843

100, 0.260,
340.180

95, 26.161,
179.826

100, 0.362,
323.599

93, 34.108,
178.746

92, 41.319,
177.579

91, 47.647,
176.305

91, 52.981,
174.898

90, 57.265,
173.336

90, 60.527,
171.598

■ 90, 62.940,
169.702

Harmonies

Complementary

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



98, 8.688, 181.836



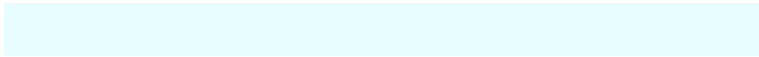
93, 9.015, 3.439

Rectangle

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



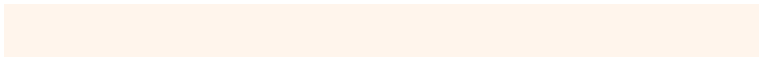
98, 8.688, 181.836



98, 8.688, 231.836



98, 8.688, 1.836



98, 8.688, 51.836

Sweetspot

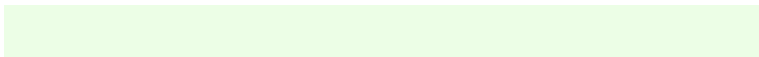
The Sweet Spot groups the original color and five complimentary colors.



98, 8.690, 181.826



99, 2.786, 182.559



98, 13.980, 137.895



53, 2.111, 182.441



0, 0.000, 0.000



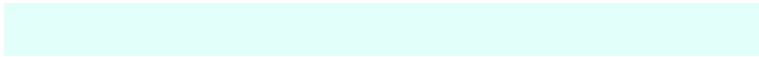
53, 0.007, 296.813

Same Dimension

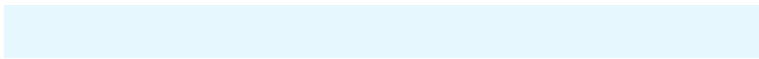
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.690, 181.826



98, 10.134, 181.671



96, 6.760, 230.232



52, 5.248, 181.819



69, 50.650, 169.950



23, 22.569, 172.516

Inverse Universe

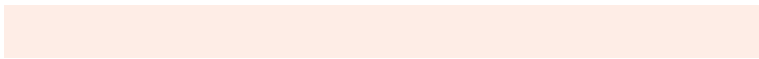
The Inverse Universe completely reimagines the original color for something new.



93, 9.015, 3.439



93, 10.577, 3.612



95, 7.126, 48.862



50, 5.446, 3.448



40, 74.533, 28.958



10, 31.935, 18.305

Previews

White Background



This preview shows how the CIELCh color 98, 8.688, 181.836 looks on a white background.

Color Contrast Check

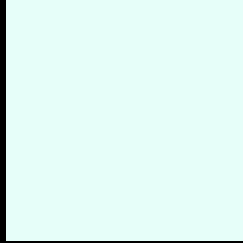
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 8.688, 181.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

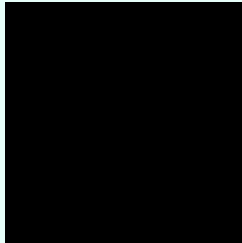
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

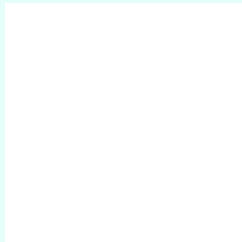
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.688, 181.836

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.688, 181.836.



This preview shows how white text looks on a background with the CIELCh color 98, 8.688, 181.836.

Color Blindness Simulation

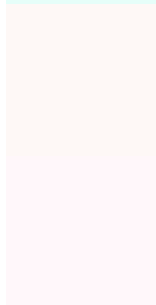
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 8.694, 181.832



Protanopia

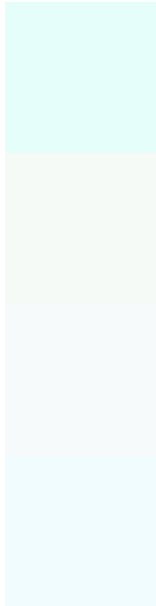
98, 2.340, 45.008

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.064, 256.053

Trichromacy



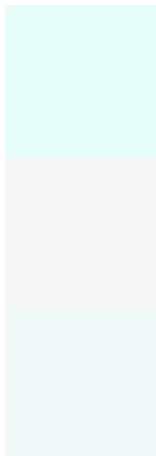
Original Color
98, 8.694, 181.832

Protanomaly
98, 2.333, 158.671

Deuteranomaly
98, 1.394, 199.784

Tritanomaly
98, 4.166, 206.340

Monochromacy



Original Color
98, 8.694, 181.832

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.310, 181.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.688, 181.836 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(230, 254, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 254, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.688, 181.836 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, 249) }
```

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

```
.border{ border-color:rgb(230, 254, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 254, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 254, 249);  
box-shadow:4px 4px 4px 4px rgb(230, 254,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.688, 181.836 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, 249) }
```

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

```
.background{ background-color: rgb(230,  
254, 249) }
```

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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