

Converting Colors

CIE LCh(98, 5.330, 180.676)

Have a look what the booklet for
CIELCh(98, 5.330, 180.676) contains.

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Color

CIELCh(98, 5.114, 181.784)

Conversions

Conversions Part 1

Format	Color
Hex	EEFCF9
RGB	238, 252, 249
RGB Percent	93%, 99%, 98%
CMY	0.0654, 0.0105, 0.0223
CMYK	0.06, 0.00, 0.01, 0.01
HSL	167°, 72%, 96%
HSV	167°, 6%, 99%
XYZ	87.4289, 94.9163, 103.5990
YIQ	247.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

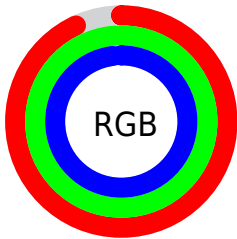
Format	Color
R _{YB}	238, 246, 252
Decimal	15662329
CIE Lab	98.00, -5.11, -0.16
CIE LCh	98, 5.114, 181.784
Yxy	94.9163, 0.3058, 0.3319
Android (android.graphics.Color)	4293852409 (0xFFEEFCF9)
YUV	247.4720, 0.7533, -8.3069
Hunter-Lab	97.4250, -10.3083, 5.1501

Details

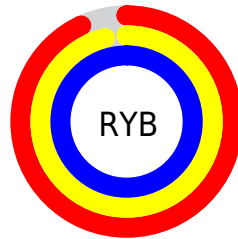
The CIELCh color **98, 5.114, 181.784** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.230, 2.549**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 4.856, 186.379** is the 20% darker color. If you saturate the color by 10%, you get **96, 14.156, 180.759**, and if you desaturate by 10%, it is **99, 1.558, 327.069**.

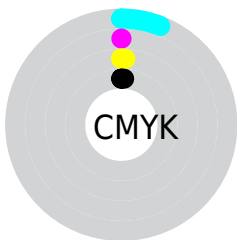
Distribution



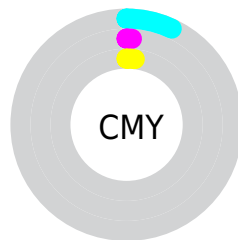
- Red (93%)
- Green (99%)
- Blue (98%)



- Red (93%)
- Yellow (96%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (7%)
- Magenta (1%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 5.114, 181.784 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, 5.114, 181.784 by changing the saturation by 10% instead.


 98, 5.114, 181.784


 98, 5.114, 181.784


 100, 5.114,
181.784

 88, 5.114, 181.784


 78, 5.114, 181.784


 68, 5.114, 181.784

 58, 5.114, 181.784

 48, 5.114, 181.784

 38, 5.114, 181.784

 28, 5.114, 181.784

 18, 5.114, 181.784

 8, 5.114, 181.784

98, 5.114, 181.784

98, 5.114, 181.784

96, 14.156,
180.759

99, 1.558, 327.069

95, 22.840,
179.755

99, 1.667, 324.314

93, 31.019,
178.694


92, 38.534,
177.552

91, 45.230,
176.310

90, 50.982,
174.941

90, 55.708,
173.423

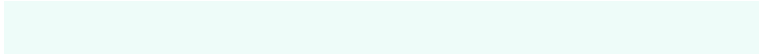
89, 59.399,
171.732

 89, 62.141,
169.861

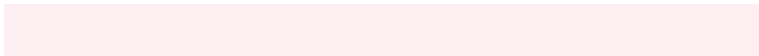
Harmonies

Complementary

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



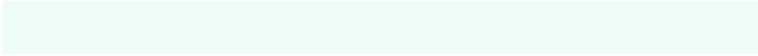
98, 5.114, 181.784



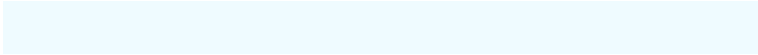
95, 5.230, 2.549

Rectangle

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



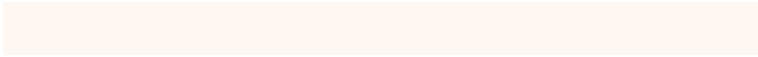
98, 5.114, 181.784



98, 5.114, 231.784



98, 5.114, 1.784



98, 5.114, 51.784

Sweetspot

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



98, 5.116, 181.767



100, 1.863, 182.295



98, 8.151, 138.092



53, 1.059, 182.321



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

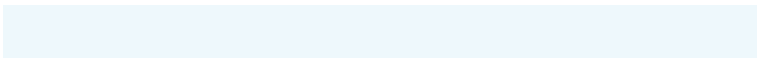
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 5.116, 181.767



99, 6.498, 181.610



97, 3.986, 230.008



52, 4.150, 181.549



68, 50.526, 169.369



22, 22.085, 172.101

Inverse Universe

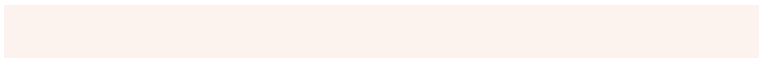
The Inverse Universe completely reimagines the original color for something new.



95, 5.230, 2.549



95, 6.677, 2.715



96, 4.103, 49.021



49, 4.273, 2.780



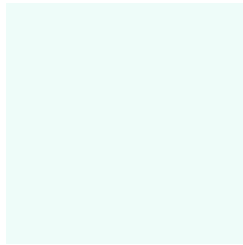
39, 73.468, 28.432



9, 30.922, 17.053

Previews

White Background



This preview shows how the CIE LCh color 98, 5.114, 181.784 looks on a white background.

Color Contrast Check

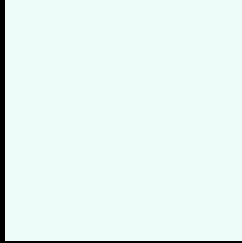
Large Text (above 18pt) WCAG AA × Fail

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, 5.114, 181.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

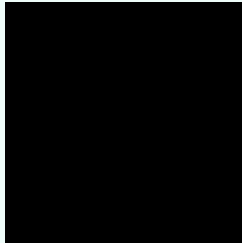
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

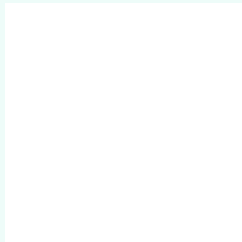
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 5.114, 181.784

Background



This preview shows how black text looks on a background with the CIELCh color 98, 5.114, 181.784.

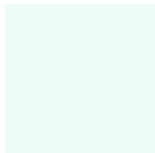


This preview shows how white text looks on a background with the CIELCh color 98, 5.114, 181.784.

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, 5.114, 181.784



Protanopia

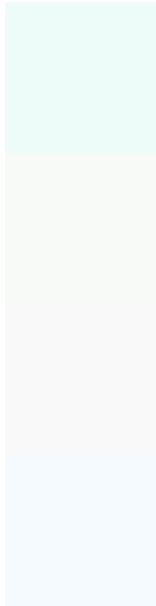
98, 2.172, 32.785

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.137, 277.676

Trichromacy



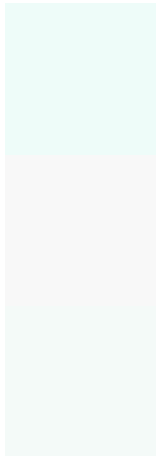
Original Color
98, 5.114, 181.784

Protanomaly
98, 1.235, 144.645

Deuteranomaly
98, 0.521, 290.362

Tritanomaly
98, 2.566, 236.220

Monochromacy



Original Color
98, 5.114, 181.784

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.339, 173.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 5.114, 181.784 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(238, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(238, 252, 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(238, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 252, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 5.114, 181.784 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(238, 252, 249) }
```

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

```
.border{ border-color:rgb(238, 252, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 252,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 5.114, 181.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 252, 249) }
```

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

```
.background{ background-color: rgb(238,  
252, 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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