

Converting Colors

CIELCh(98, 5.011, 208.168)

Have a look what the booklet for
CIELCh(98, 5.011, 208.168) contains.

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Color

CIELCh(98, 4.906, 211.260)

Conversions

Conversions Part 1

Format	Color
Hex	EEFCFE
RGB	238, 252, 254
RGB Percent	93%, 99%, 100%
CMY	0.0668, 0.0119, 0.0041
CMYK	0.06, 0.01, 0.00, 0.00
HSL	187°, 88%, 96%
HSV	187°, 6%, 100%
XYZ	87.9248, 94.9163, 107.4157
YIQ	248.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

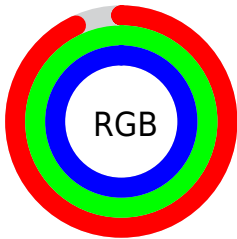
Format	Color
R _Y B	238, 245, 254
Decimal	15662334
CIE Lab	98.00, -4.19, -2.55
CIE LCh	98, 4.906, 211.260
Yxy	94.9163, 0.3029, 0.3270
Android (android.graphics.Color)	4293852414 (0xFFEEFCFE)
YUV	248.0420, 2.9373, -8.8068
Hunter-Lab	97.4250, -9.3996, 2.8274

Details

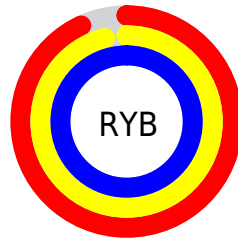
The CIELCh color **98, 4.906, 211.260** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 5.109, 31.111**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 4.780, 212.142** is the 20% darker color. If you saturate the color by 10%, you get **96, 12.347, 211.154**, and if you desaturate by 10%, it is **100, 0.517, 109.990**.

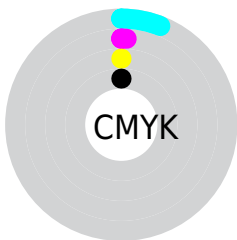
Distribution



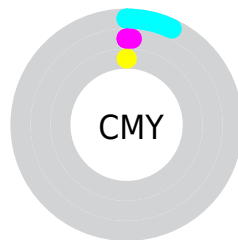
- Red (93%)
- Green (99%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



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



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.906, 211.260 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, 4.906, 211.260 by changing the saturation by 10% instead.

 98, 4.906, 211.260

 98, 4.906, 211.260

 100, 4.906,
211.260

 88, 4.906, 211.260

 78, 4.906, 211.260

 68, 4.906, 211.260

 58, 4.906, 211.260

 48, 4.906, 211.260

 38, 4.906, 211.260

 28, 4.906, 211.260

 18, 4.906, 211.260

 8, 4.906, 211.260

98, 4.906, 211.260

98, 4.906, 211.260

96, 12.347,
211.154

100, 0.517,
109.990

93, 19.257,
211.258

91, 25.508,
211.527

89, 30.971,
211.992

87, 35.525,
212.697

86, 39.079,
213.690

84, 41.589,
215.025

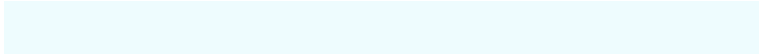
83, 43.081,
216.755

■ 82, 43.674,
218.919

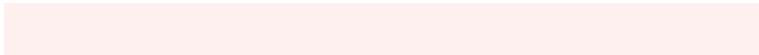
Harmonies

Complementary

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



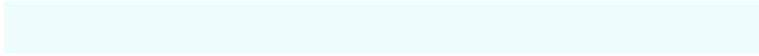
98, 4.906, 211.260



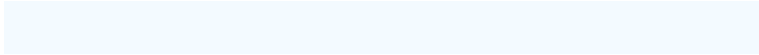
96, 5.109, 31.111

Rectangle

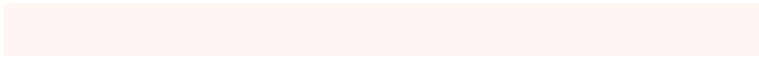
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



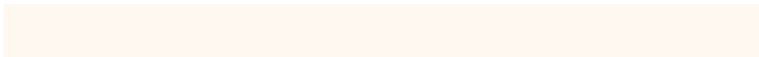
98, 4.906, 211.260



98, 4.906, 261.260



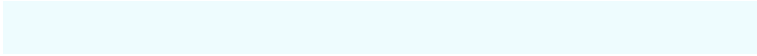
98, 4.906, 31.260



98, 4.906, 81.260

Sweetspot

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



98, 4.907, 211.234



99, 1.580, 211.550



98, 9.189, 147.437



53, 0.898, 211.573



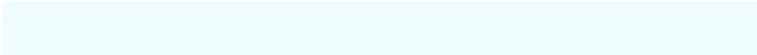
0, 0.000, 0.000



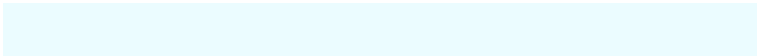
53, 0.007, 296.813

Same Dimension

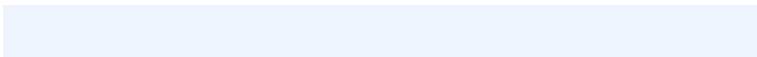
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 4.907, 211.234



98, 6.225, 211.198



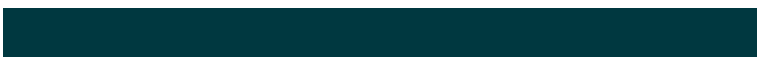
96, 5.448, 267.803



52, 4.406, 211.178



63, 35.394, 219.345



21, 16.422, 216.227

Inverse Universe

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



96, 9.161, 328.370



95, 11.685, 328.479



98, 5.458, 86.059



50, 8.312, 328.574



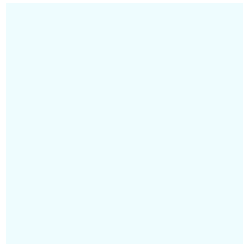
44, 84.395, 333.930



12, 39.283, 333.160

Previews

White Background



This preview shows how the CIE LCh color 98, 4.906, 211.260 looks on a white background.

Color Contrast Check

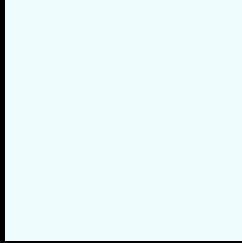
Large Text (above 18pt) WCAG AA × Fail

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, 4.906, 211.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

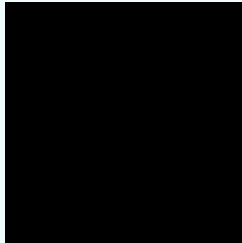
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 4.906, 211.260

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.906, 211.260.

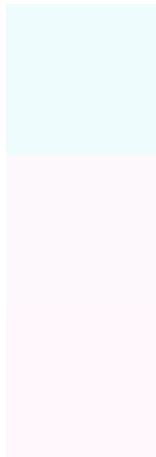


This preview shows how white text looks on a background with the CIELCh color 98, 4.906, 211.260.

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, 4.906, 211.260

Protanopia

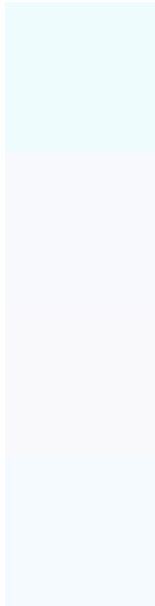
98, 2.348, 338.592

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.137, 277.676

Trichromacy



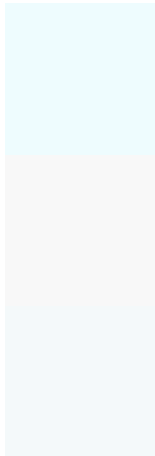
Original Color
98, 4.906, 211.260

Protanomaly
98, 1.574, 277.558

Deuteranomaly
98, 1.540, 290.343

Tritanomaly
98, 3.265, 251.001

Monochromacy



Original Color
98, 4.906, 211.260

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.809, 216.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.906, 211.260 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(238, 252, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 252, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.906, 211.260 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, 254) }
```

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

```
.border{ border-color:rgb(238, 252, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(238, 252,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.906, 211.260 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, 254) }
```

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

```
.background{ background-color: rgb(238,  
252, 254) }
```

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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