

Converting Colors

CIELCh(98, 4.956, 186.965)

Have a look what the booklet for
CIELCh(98, 4.956, 186.965) contains.

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Color

CIELCh(98, 4.971, 187.363)

Conversions

Conversions Part 1

Format	Color
Hex	EEFCFA
RGB	238, 252, 250
RGB Percent	93%, 99%, 98%
CMY	0.0657, 0.0108, 0.0186
CMYK	0.06, 0.00, 0.01, 0.01
HSL	171°, 72%, 96%
HSV	171°, 6%, 99%
XYZ	87.5268, 94.9163, 104.3558
YIQ	247.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

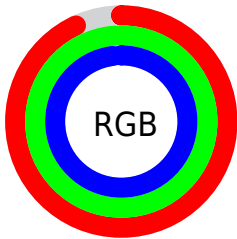
Format	Color
R _Y B	238, 246, 252
Decimal	15662330
CIE Lab	98.00, -4.93, -0.64
CIE LCh	98, 4.971, 187.363
Yxy	94.9163, 0.3052, 0.3310
Android (android.graphics.Color)	4293852410 (0xFFEEFCFA)
YUV	247.5860, 1.1901, -8.4069
Hunter-Lab	97.4250, -10.1289, 4.6896

Details

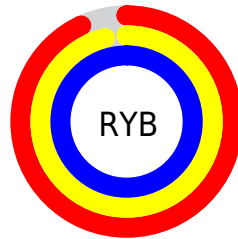
The CIELCh color **98, 4.971, 187.363** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.106, 8.046**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 4.748, 192.663** is the 20% darker color. If you saturate the color by 10%, you get **96, 13.693, 186.408**, and if you desaturate by 10%, it is **99, 1.275, 339.060**.

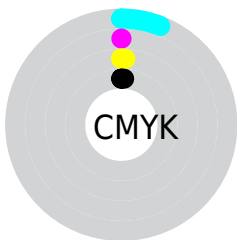
Distribution



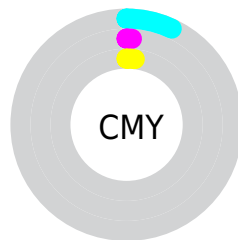
- Red (93%)
- Green (99%)
- Blue (98%)



- 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, 4.971, 187.363 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, 4.971, 187.363 by changing the saturation by 10% instead.

 98, 4.971, 187.363

 98, 4.971, 187.363

 100, 4.971,
187.363

 88, 4.971, 187.363

 78, 4.971, 187.363

 68, 4.971, 187.363

 58, 4.971, 187.363

 48, 4.971, 187.363

 38, 4.971, 187.363

 28, 4.971, 187.363

 18, 4.971, 187.363

 8, 4.971, 187.363

98, 4.971, 187.363

98, 4.971, 187.363

96, 13.693,
186.408

99, 1.275, 339.060

95, 21.984,
185.506

99, 1.712, 324.321

93, 29.697,
184.576

92, 36.677,
183.601

91, 42.779,
182.563

91, 47.886,
181.444

90, 51.930,
180.222

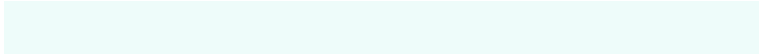
90, 54.914,
178.875

■ 89, 56.928,
177.388

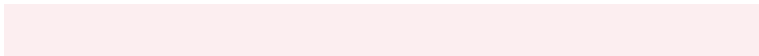
Harmonies

Complementary

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



98, 4.971, 187.363



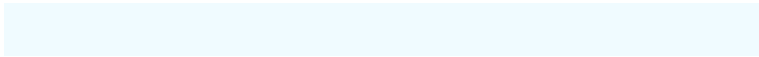
95, 5.106, 8.046

Rectangle

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



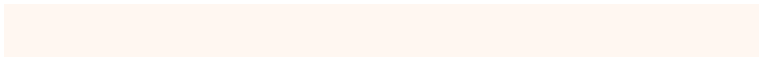
98, 4.971, 187.363



98, 4.971, 237.363



98, 4.971, 7.363



98, 4.971, 57.363

Sweetspot

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



98, 4.973, 187.343



100, 1.814, 187.863



98, 8.319, 140.051



53, 1.031, 187.890



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

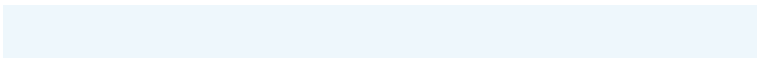
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 4.973, 187.343



99, 6.311, 187.195



97, 3.988, 238.417



52, 4.030, 187.138



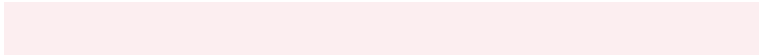
69, 46.185, 176.994



22, 20.448, 179.131

Inverse Universe

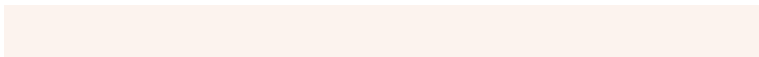
The Inverse Universe completely reimagines the original color for something new.



95, 5.106, 8.046



95, 6.522, 8.206



96, 4.085, 57.148



49, 4.175, 8.268



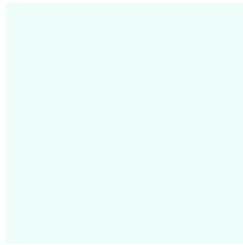
39, 77.016, 33.464



9, 31.276, 20.287

Previews

White Background



This preview shows how the CIELCh color 98, 4.971, 187.363 looks on a white background.

Color Contrast Check

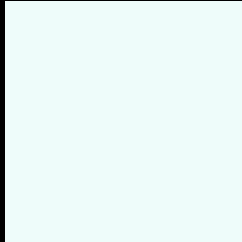
Large Text (above 18pt) WCAG AA × Fail

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, 4.971, 187.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

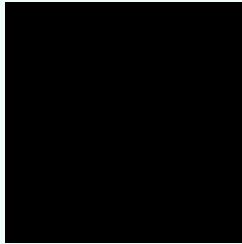
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

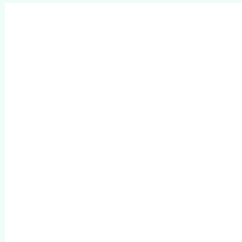
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 4.971, 187.363

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.971, 187.363.

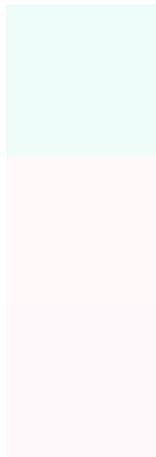


This preview shows how white text looks on a background with the CIELCh color 98, 4.971, 187.363.

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, 4.971, 187.363

Protanopia

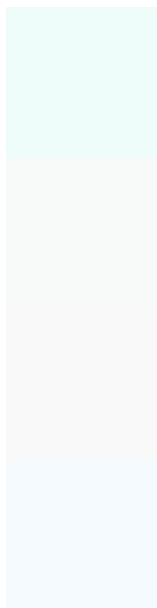
98, 2.116, 19.237

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.137, 277.676

Trichromacy



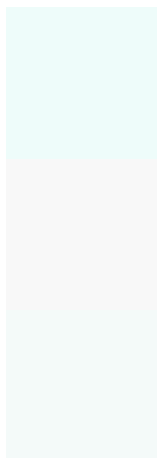
Original Color
98, 4.971, 187.363

Protanomaly
98, 0.864, 164.141

Deuteranomaly
98, 0.521, 290.362

Tritanomaly
98, 2.566, 236.220

Monochromacy



Original Color
98, 4.971, 187.363

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.158, 185.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.971, 187.363 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(238, 252, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 252, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.971, 187.363 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, 250) }
```

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

```
.border{ border-color:rgb(238, 252, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(238, 252,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.971, 187.363 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, 250) }
```

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

```
.background{ background-color: rgb(238,  
252, 250) }
```

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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