

Converting Colors

CIELCh(98, 11.906, 271.978)

Have a look what the booklet for
CIELCh(98, 11.906, 271.978)
contains.

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Color

CIELCh(98, 4.810, 231.426)

Conversions

Conversions Part 1

Format	Color
Hex	EFFBFF
RGB	239, 251, 255
RGB Percent	94%, 98%, 100%
CMY	0.0615, 0.0144, 0.0000
CMYK	0.06, 0.01, 0.00, 0.00
HSL	194°, 100%, 97%
HSV	194°, 6%, 100%
XYZ	88.5732, 94.9163, 109.3937
YIQ	247.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

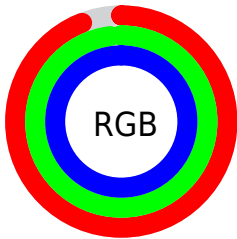
Format	Color
R _Y B	239, 246, 255
Decimal	15727615
CIE Lab	98.00, -3.00, -3.76
CIE LCh	98, 4.810, 231.426
Yxy	94.9163, 0.3024, 0.3241
Android (android.graphics.Color)	4293917695 (0xFFE _F F _B F _F)
YUV	247.8680, 3.5161, -7.7772
Hunter-Lab	97.4250, -8.2117, 1.6237

Details

The CIELCh color **98, 4.810, 231.426** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.670, 43.075**, 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, 4.575, 219.799** is the 20% darker color. If you saturate the color by 10%, you get **95, 11.537, 224.308**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

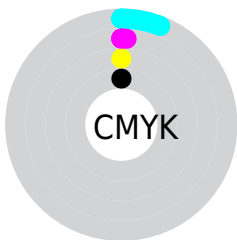
Distribution



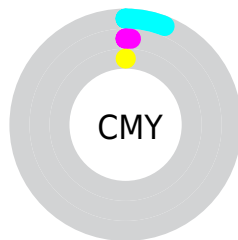
- Red (94%)
- Green (98%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.810, 231.426 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, 4.810, 231.426 by changing the saturation by 10% instead.

 98, 4.810, 231.426

 98, 4.810, 231.426

 100, 4.810,
231.426

 88, 4.810, 231.426

 78, 4.810, 231.426

 68, 4.810, 231.426

 58, 4.810, 231.426

 48, 4.810, 231.426

 38, 4.810, 231.426

 28, 4.810, 231.426

 18, 4.810, 231.426

 8, 4.810, 231.426

98, 4.810, 231.426

98, 4.810, 231.426

95, 11.537,
224.308

100, 0.012,
296.813

92, 18.121,
225.052

89, 24.154,
226.066

86, 29.528,
227.412

83, 34.146,
229.170

81, 37.940,
231.430

79, 40.896,
234.286

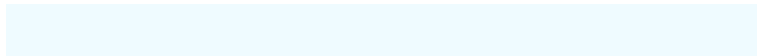
76, 43.078,
237.816

■ 75, 44.649,
242.039

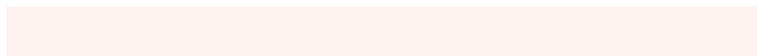
Harmonies

Complementary

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



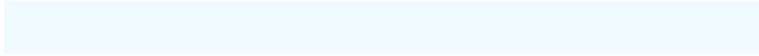
98, 4.810, 231.426



97, 4.670, 43.075

Rectangle

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



98, 4.810, 231.426



98, 4.810, 281.426



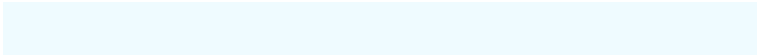
98, 4.810, 51.426



98, 4.810, 101.426

Sweetspot

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



98, 4.505, 223.835



99, 1.481, 223.941



99, 8.273, 151.363



53, 0.842, 223.960



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, 4.505, 223.835



98, 5.120, 223.859



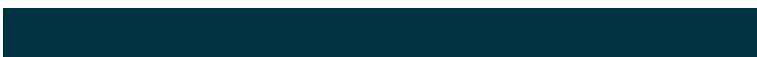
96, 6.046, 276.894



52, 3.322, 223.879



57, 36.258, 242.913



18, 16.332, 236.863

Inverse Universe

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



96, 8.302, 332.078



96, 9.460, 332.139



99, 6.009, 95.322



50, 6.149, 332.181



43, 77.751, 340.306



11, 36.508, 338.521

Previews

White Background



This preview shows how the CIELCh color 98, 4.810, 231.426 looks on a white background.

Color Contrast Check

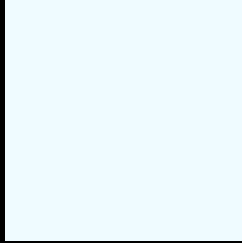
Large Text (above 18pt) WCAG AA × Fail

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, 4.810, 231.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

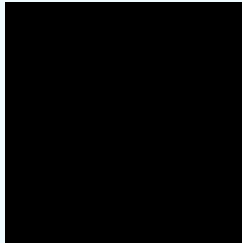
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

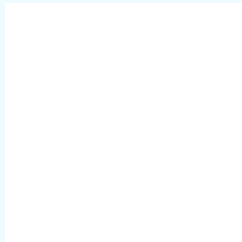
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 4.810, 231.426

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.810, 231.426.

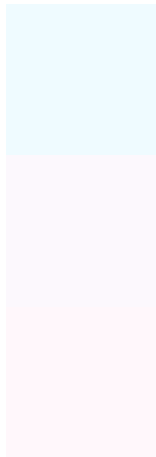


This preview shows how white text looks on a background with the CIELCh color 98, 4.810, 231.426.

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, 4.571, 225.870

Protanopia

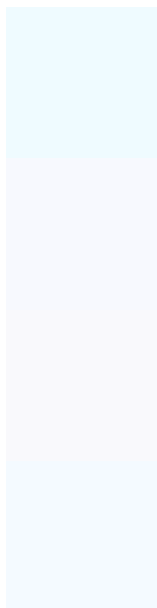
98, 2.933, 318.815

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.137, 277.676

Trichromacy



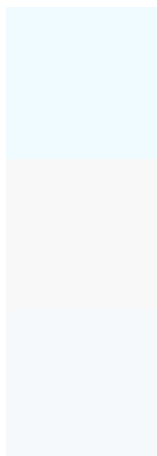
Original Color
98, 4.571, 225.870

Protanomaly
98, 2.642, 275.176

Deuteranomaly
98, 1.540, 290.343

Tritanomaly
98, 3.265, 251.001

Monochromacy



Original Color
98, 4.571, 225.870

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.718, 236.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.810, 231.426 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(239, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 251, 255)  
}
```

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(239, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 251, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.810, 231.426 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(239, 251, 255) }
```

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

```
.border{ border-color:rgb(239, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 251,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.810, 231.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 251, 255) }
```

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

```
.background{ background-color: rgb(239,  
251, 255) }
```

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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