

Converting Colors

CIELCh(100, 36.603, 121.027)

Have a look what the booklet for
CIELCh(100, 36.603, 121.027)
contains.

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Color

CIELCh(98, 31.719, 117.377)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFC2
RGB	242, 255, 194
RGB Percent	95%, 100%, 76%
CMY	0.0510, 0.0000, 0.2394
CMYK	0.05, 0.00, 0.24, 0.00
HSL	73°, 100%, 88%
HSV	73°, 24%, 100%
XYZ	82.4175, 94.9163, 64.9804
YIQ	244.1590, 11.8330, -21.7270

Conversions

Conversions Part 2

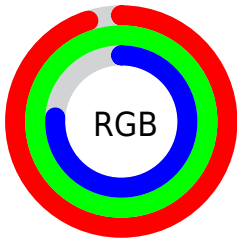
Format	Color
RYB	194, 255, 207
Decimal	15925186
CIELab	98.00, -14.59, 28.17
CIELCh	98, 31.719, 117.377
Yxy	94.9163, 0.3401, 0.3917
Android (android.graphics.Color)	4294115266 (0xFFFF2FFC2)
YUV	244.1590, -24.7284, -1.8934
Hunter-Lab	97.4250, -19.4901, 28.6523

Details

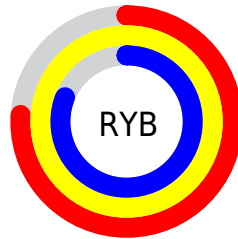
The CIELCh color **98, 31.719, 117.377** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 32.859, 300.377**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **78, 31.034, 117.005** is the 20% darker color. If you saturate the color by 10%, you get **97, 43.933, 116.209**, and if you desaturate by 10%, it is **99, 18.226, 117.568**.

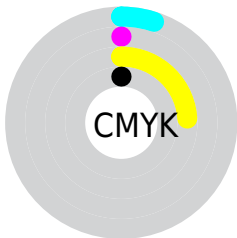
Distribution



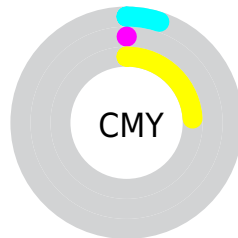
- Red (95%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 31.719, 117.377 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, 31.719, 117.377 by changing the saturation by 10% instead.


 98, 31.719,
117.377


 98, 31.719,
117.377


 100, 31.719,
117.377


 88, 31.719,
117.377

 78, 31.719,
117.377

 68, 31.719,
117.377

 58, 31.719,
117.377

 48, 31.719,
117.377

 38, 31.719,
117.377

 28, 31.719,

117.377

■ 18, 31.719,
117.377

■ 8, 31.719, 117.377

■ 98, 31.719,
117.377

■ 98, 31.719,
117.377

■ 97, 43.933,
116.209

■ 99, 18.226,
117.568

■ 96, 56.275,
115.573

■ 100, 5.155,
118.245

■ 96, 67.947,
115.020

100, 0.012,
296.813

■ 95, 78.555,
114.611

■ 94, 87.556,
114.432

■ 94, 94.335,
114.582

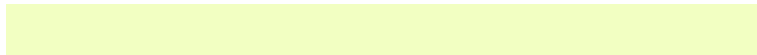
■ 94, 98.458,
115.143

■ 93, 99.877,
115.653

Harmonies

Complementary

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



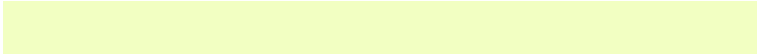
98, 31.719, 117.377



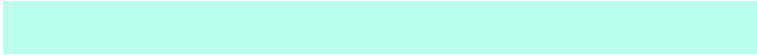
81, 32.859, 300.377

Rectangle

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



98, 31.719, 117.377



98, 31.719, 167.377



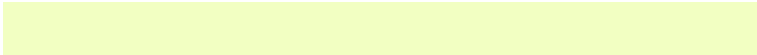
98, 31.719, 297.377



98, 31.719, 347.377

Sweetspot

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



98, 31.191, 116.883



99, 9.155, 118.039



87, 19.923, 39.171



53, 5.949, 117.998



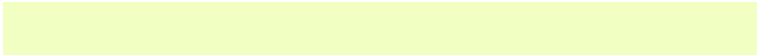
0, 0.000, 0.000



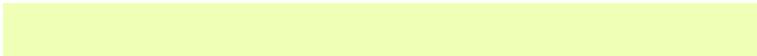
53, 0.007, 296.813

Same Dimension

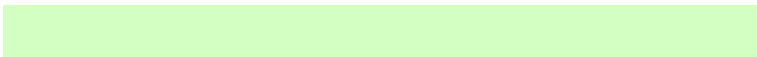
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 31.191, 116.883



97, 37.671, 116.540



96, 34.819, 134.612



53, 7.436, 117.870



72, 80.371, 115.452



25, 36.270, 114.383

Inverse Universe

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



81, 32.859, 300.377



77, 40.183, 300.859



84, 35.456, 316.763



49, 7.591, 299.168



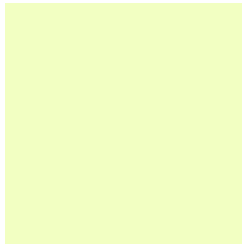
24, 106.007, 307.356



4, 44.584, 305.810

Previews

White Background



This preview shows how the CIELCh color 98, 31.719, 117.377 looks on a white background.

Color Contrast Check

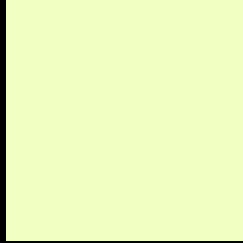
Large Text (above 18pt) WCAG AA × Fail

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, 31.719, 117.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

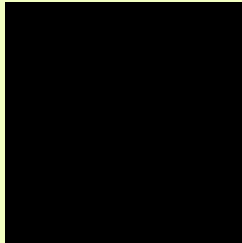
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 31.719, 117.377

Background



This preview shows how black text looks on a background with the CIELCh color 98, 31.719, 117.377.

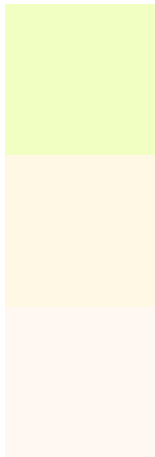


This preview shows how white text looks on a background with the CIELCh color 98, 31.719, 117.377.

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, 31.162, 116.881

Protanopia
98, 10.471, 95.314

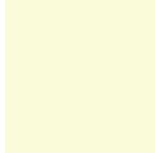
Deuteranopia
98, 3.799, 61.384

Tritanopia
98, 4.239, 304.727

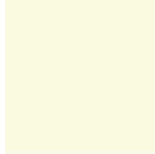
Trichromacy



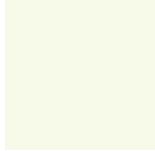
Original Color
98, 31.162, 116.881



Protanomaly
98, 17.759, 110.008

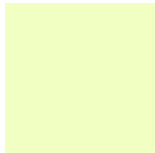


Deuteranomaly
98, 12.700, 109.203

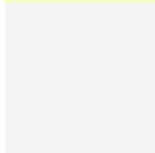


Tritanomaly
98, 8.718, 116.604

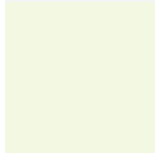
Monochromacy



Original Color
98, 31.162, 116.881



Achromatopsia
96, 0.011, 296.813



Achromatomaly
97, 11.362, 118.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 31.719, 117.377 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(242, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 194)  
}
```

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(242, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 31.719, 117.377 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(242, 255, 194) }
```

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

```
.border{ border-color:rgb(242, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 31.719, 117.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 194) }
```

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

```
.background{ background-color: rgb(242,  
255, 194) }
```

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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