

Converting Colors

CIELCh(98, 31.553, 115.371)

Have a look what the booklet for
CIELCh(98, 31.553, 115.371)
contains.

CIELCh(98, 31.535, 115.373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(98, 31.535, 115.373)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFC1
RGB	244, 255, 193
RGB Percent	96%, 100%, 76%
CMY	0.0417, 0.0000, 0.2418
CMYK	0.04, 0.00, 0.24, 0.00
HSL	70°, 100%, 88%
HSV	70°, 24%, 100%
XYZ	82.9750, 94.9163, 64.6030
YIQ	244.6430, 13.3460, -21.6140

Conversions

Conversions Part 2

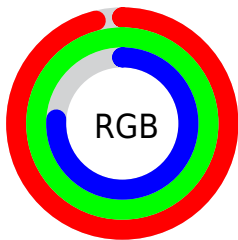
Format	Color
RYB	193, 255, 204
Decimal	16056257
CIELab	98.00, -13.51, 28.49
CIElCh	98, 31.535, 115.373
Yxy	94.9163, 0.3422, 0.3914
Android (android.graphics.Color)	4294246337 (0xFFFF4FFC1)
YUV	244.6430, -25.4600, -0.5639
Hunter-Lab	97.4250, -18.4685, 28.8820

Details

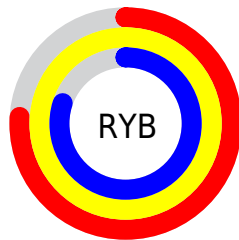
The CIELCh color **98, 31.535, 115.373** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 33.095, 298.988**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **78, 31.410, 115.390** is the 20% darker color. If you saturate the color by 10%, you get **97, 44.006, 114.456**, and if you desaturate by 10%, it is **99, 18.447, 115.911**.

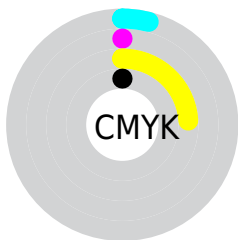
Distribution



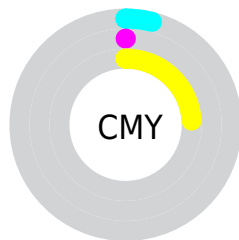
- Red (96%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 31.535, 115.373 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, 31.535, 115.373 by changing the saturation by 10% instead.


 98, 31.535,
115.373


 98, 31.535,
115.373


 100, 31.535,
115.373


 88, 31.535,
115.373

 78, 31.535,
115.373

 68, 31.535,
115.373

 58, 31.535,
115.373

 48, 31.535,
115.373

 38, 31.535,
115.373

 28, 31.535,

115.373

■ 18, 31.535,
115.373

■ 8, 31.535, 115.373

■ 98, 31.535,
115.373

■ 98, 31.535,
115.373

■ 97, 44.006,
114.456

■ 99, 18.447,
115.911

■ 97, 56.258,
113.773

■ 100, 5.436,
116.636

■ 96, 67.825,
113.170

■ 100, 0.012,
296.813

■ 95, 78.306,
112.707

■ 95, 87.151,
112.461

■ 95, 93.742,
112.523

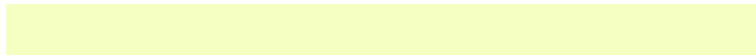
■ 94, 97.652,
112.964

■ 94, 98.914,
113.369

Harmonies

Complementary

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



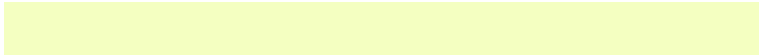
98, 31.535, 115.373



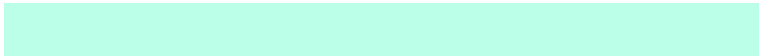
81, 33.095, 298.988

Rectangle

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



98, 31.535, 115.373



98, 31.535, 165.373



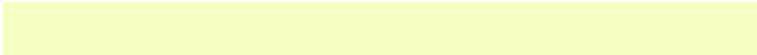
98, 31.535, 295.373



98, 31.535, 345.373

Sweetspot

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



98, 31.343, 115.178



99, 9.116, 116.433



86, 20.567, 35.789



53, 5.924, 116.389



0, 0.000, 0.000



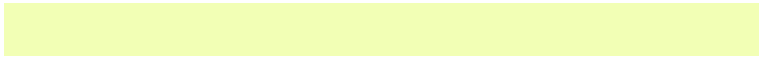
53, 0.007, 296.813

Same Dimension

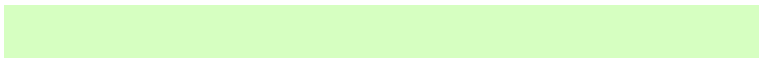
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 31.343, 115.178



98, 37.489, 114.827



96, 34.814, 133.557



53, 7.404, 116.252



73, 79.618, 113.200



25, 36.010, 112.316

Inverse Universe

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



81, 33.095, 298.988



77, 40.078, 299.491



83, 35.544, 315.709



49, 7.564, 297.654



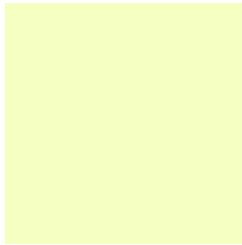
24, 106.526, 307.027



4, 44.504, 305.026

Previews

White Background



This preview shows how the CIE LCh color 98, 31.535, 115.373 looks on a white background.

Color Contrast Check

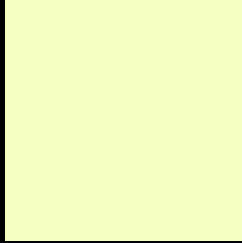
Large Text (above 18pt) WCAG AA × Fail

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, 31.535, 115.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

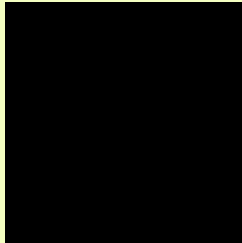
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

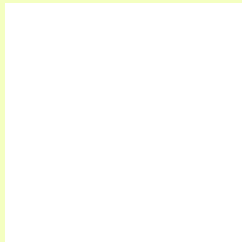
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 31.535, 115.373

Background



This preview shows how black text looks on a background with the CIELCh color 98, 31.535, 115.373.

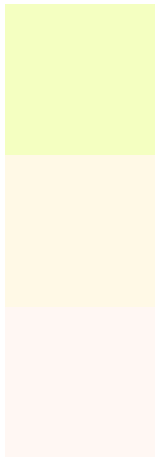


This preview shows how white text looks on a background with the CIELCh color 98, 31.535, 115.373.

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



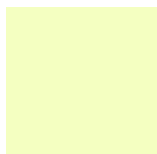
Original Color
98, 31.535, 115.373

Protanopia
98, 9.885, 96.715

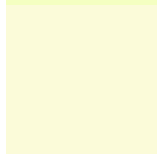
Deuteranopia
98, 3.479, 55.154

Tritanopia
98, 3.744, 306.635

Trichromacy



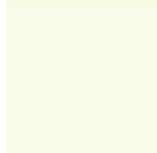
Original Color
98, 31.535, 115.373



Protanomaly
98, 17.246, 108.858



Deuteranomaly
98, 12.701, 107.560

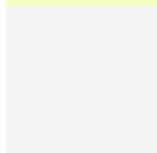


Tritanomaly
98, 9.176, 113.968

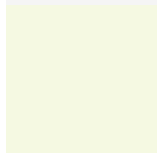
Monochromacy



Original Color
98, 31.535, 115.373



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 11.801, 116.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 31.535, 115.373 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(244, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 193)  
}
```

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(244, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 31.535, 115.373 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(244, 255, 193) }
```

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

```
.border{ border-color:rgb(244, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 255, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 255, 193); box-shadow:4px 4px 4px 4px rgb(244, 255, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 31.535, 115.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 193) }
```

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

```
.background{ background-color: rgb(244,  
255, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor