

Converting Colors

CIELCh(100, 37.357, 120.616)

Have a look what the booklet for
CIELCh(100, 37.357, 120.616)
contains.

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Color

CIELCh(98, 32.699, 117.034)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFC0
RGB	242, 255, 192
RGB Percent	95%, 100%, 75%
CMY	0.0506, 0.0000, 0.2469
CMYK	0.05, 0.00, 0.25, 0.00
HSL	72°, 100%, 88%
HSV	72°, 25%, 100%
XYZ	82.2742, 94.9163, 63.8756
YIQ	243.9310, 12.4750, -22.3490

Conversions

Conversions Part 2

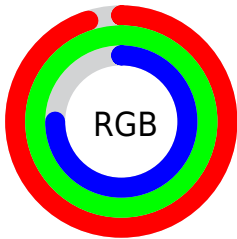
Format	Color
RYB	192, 255, 205
Decimal	15925184
CIELab	98.00, -14.86, 29.13
CIELCh	98, 32.699, 117.034
Yxy	94.9163, 0.3413, 0.3937
Android (android.graphics.Color)	4294115264 (0xFFFF2FFC0)
YUV	243.9310, -25.6020, -1.6935
Hunter-Lab	97.4250, -19.7527, 29.3246

Details

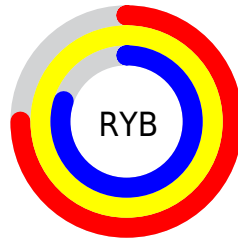
The CIELCh color **98, 32.699, 117.034** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 33.910, 300.167**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **78, 32.052, 116.627** is the 20% darker color. If you saturate the color by 10%, you get **97, 44.822, 115.816**, and if you desaturate by 10%, it is **99, 19.180, 117.192**.

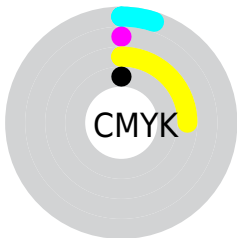
Distribution



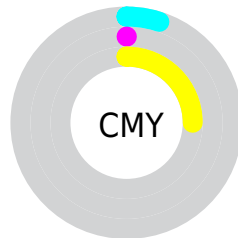
- Red (95%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 32.699, 117.034 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, 32.699, 117.034 by changing the saturation by 10% instead.


 98, 32.699,
117.034


 98, 32.699,
117.034


 100, 32.699,
117.034


 88, 32.699,
117.034

 78, 32.699,
117.034

 68, 32.699,
117.034

 58, 32.699,
117.034

 48, 32.699,
117.034

 38, 32.699,
117.034

 28, 32.699,

117.034

■ 18, 32.699,
117.034

■ 8, 32.699, 117.034

■ 98, 32.699,
117.034

■ 98, 32.699,
117.034

■ 97, 44.822,
115.816

■ 99, 19.180,
117.192

■ 96, 57.108,
115.175

■ 100, 6.126,
117.878

■ 96, 68.698,
114.620

100, 0.012,
296.813

■ 95, 79.186,
114.214

■ 95, 88.018,
114.043

■ 94, 94.583,
114.202

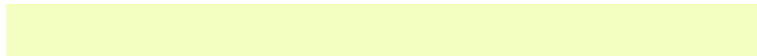
■ 94, 98.471,
114.771

■ 94, 99.673,
115.206

Harmonies

Complementary

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



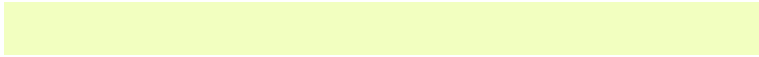
98, 32.699, 117.034



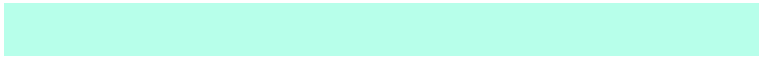
81, 33.910, 300.167

Rectangle

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



98, 32.699, 117.034



98, 32.699, 167.034



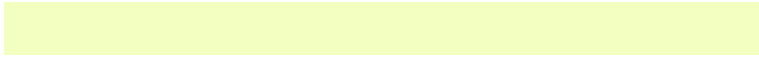
98, 32.699, 297.034



98, 32.699, 347.034

Sweetspot

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



98, 32.119, 116.498



99, 9.147, 117.721



86, 20.609, 39.175



53, 5.943, 117.680



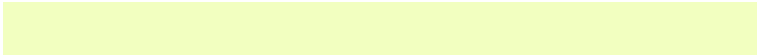
0, 0.000, 0.000



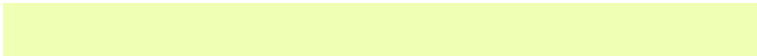
53, 0.007, 296.813

Same Dimension

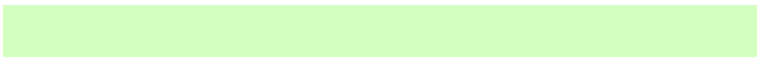
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 32.119, 116.498



97, 38.903, 116.133



96, 35.904, 134.572



53, 7.429, 117.549



72, 80.212, 115.012



25, 36.214, 113.977

Inverse Universe

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



81, 33.910, 300.167



77, 41.625, 300.688



83, 36.580, 316.796



49, 7.585, 298.868



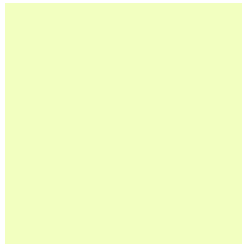
24, 106.117, 307.285



4, 44.568, 305.648

Previews

White Background



This preview shows how the CIELCh color 98, 32.699, 117.034 looks on a white background.

Color Contrast Check

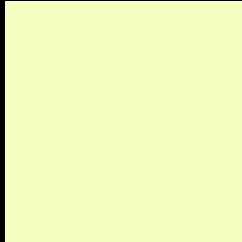
Large Text (above 18pt) WCAG AA × Fail

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, 32.699, 117.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

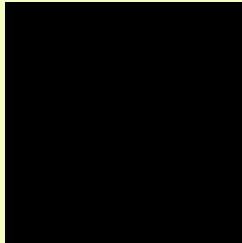
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 32.699, 117.034

Background



This preview shows how black text looks on a background with the CIELCh color 98, 32.699, 117.034.

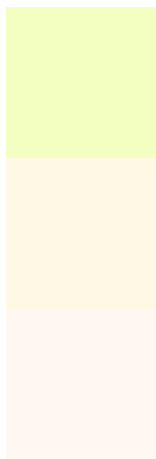


This preview shows how white text looks on a background with the CIELCh color 98, 32.699, 117.034.

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, 32.144, 116.548

Protanopia

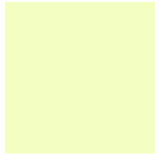
98, 10.471, 95.314

Deuteranopia

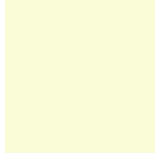
98, 4.157, 66.587

Tritanopia
98, 4.239, 304.727

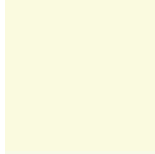
Trichromacy



Original Color
98, 32.144, 116.548



Protanomaly
98, 18.264, 109.938

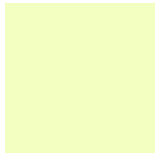


Deuteranomaly
98, 13.714, 109.126

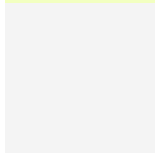


Tritanomaly
98, 9.223, 116.186

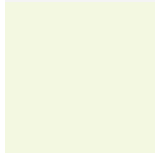
Monochromacy



Original Color
98, 32.144, 116.548



Achromatopsia
96, 0.011, 296.813



Achromatomaly
97, 11.865, 118.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 32.699, 117.034 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 32.699, 117.034 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, 192) }
```

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

```
.border{ border-color:rgb(242, 255, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 255, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 255, 192); box-shadow:4px 4px 4px 4px rgb(242, 255, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 32.699, 117.034 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, 192) }
```

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

```
.background{ background-color: rgb(242,  
255, 192) }
```

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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