

Converting Colors

CIELCh(98, 24.766, 119.552)

Have a look what the booklet for
CIELCh(98, 24.766, 119.552)
contains.

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Color

CIElCh(98, 24.766, 119.553)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFCF
RGB	242, 255, 207
RGB Percent	95%, 100%, 81%
CMY	0.0509, 0.0000, 0.1882
CMYK	0.05, 0.00, 0.19, 0.00
HSL	76°, 100%, 91%
HSV	76°, 19%, 100%
XYZ	83.6529, 94.9163, 72.9528
YIQ	245.6410, 7.6600, -17.6840

Conversions

Conversions Part 2

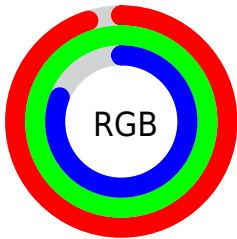
Format	Color
R _Y B	207, 255, 220
Decimal	15925199
CIE Lab	98.00, -12.22, 21.54
CIE LCh	98, 24.766, 119.553
Yxy	94.9163, 0.3326, 0.3774
Android (android.graphics.Color)	4294115279 (0xFFFF2FFCF)
YUV	245.6410, -19.0500, -3.1932
Hunter-Lab	97.4250, -17.2266, 23.8005

Details

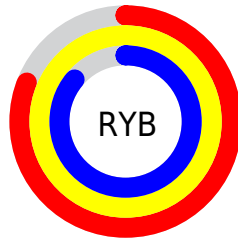
The CIELCh color **98, 24.766, 119.553** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 25.713, 301.962**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 24.306, 119.162** is the 20% darker color. If you saturate the color by 10%, you get **97, 37.749, 118.921**, and if you desaturate by 10%, it is **99, 11.616, 120.164**.

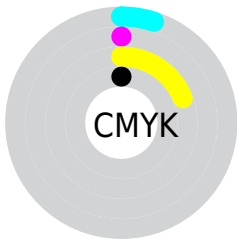
Distribution



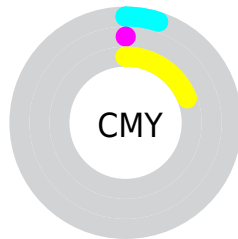
- Red (95%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 24.766, 119.553 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, 24.766, 119.553 by changing the saturation by 10% instead.

 98, 24.766,
119.553


 98, 24.766,
119.553


 100, 24.766,
119.553


 88, 24.766,
119.553

 78, 24.766,
119.553

 68, 24.766,
119.553

 58, 24.766,
119.553

 48, 24.766,
119.553

 38, 24.766,
119.553

 28, 24.766,

119.553

■ 18, 24.766,
119.553

■ 8, 24.766, 119.553

■ 98, 24.766,
119.553

■ 98, 24.766,
119.553

■ 97, 37.749,
118.921

■ 99, 11.616,
120.164

■ 96, 50.452,
118.320

100, 0.012,
296.813

■ 95, 62.649,
117.778

■ 95, 74.015,
117.351

■ 94, 84.088,
117.119

■ 94, 92.276,
117.185

■ 93, 98.012,
117.657

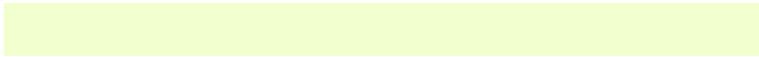
■ 93, 101.184,
118.575

■ 93, 101.483,
118.695

Harmonies

Complementary

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



98, 24.766, 119.553



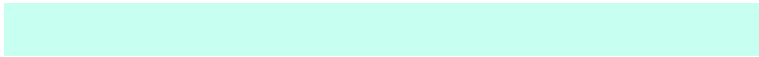
86, 25.713, 301.962

Rectangle

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



98, 24.766, 119.553



98, 24.766, 169.553



98, 24.766, 299.553



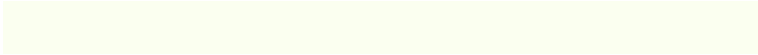
98, 24.766, 349.553

Sweetspot

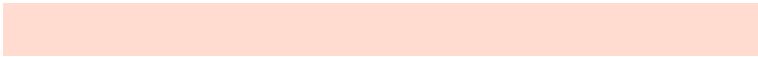
The Sweet Spot groups the original color and five complimentary colors.



98, 24.756, 119.543



99, 7.903, 120.338



90, 14.855, 46.515



53, 5.243, 120.297



0, 0.000, 0.000



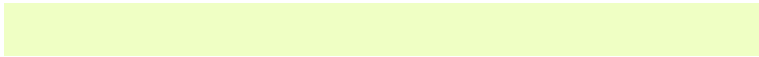
53, 0.007, 296.813

Same Dimension

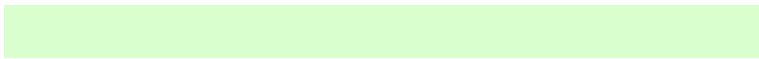
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 24.756, 119.543



98, 30.216, 119.282



96, 27.904, 136.906



53, 7.491, 120.122



71, 81.627, 118.458



24, 36.715, 117.173

Inverse Universe

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



86, 25.713, 301.962



82, 31.670, 302.292



88, 28.207, 318.624



49, 7.639, 301.290



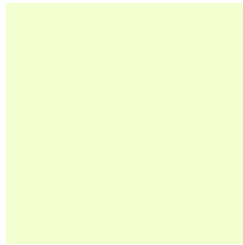
25, 105.130, 307.944



4, 44.698, 307.033

Previews

White Background



This preview shows how the CIELCh color 98, 24.766, 119.553 looks on a white background.

Color Contrast Check

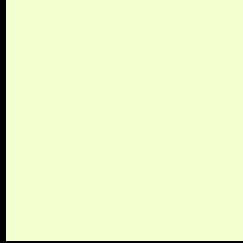
Large Text (above 18pt) WCAG AA × Fail

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, 24.766, 119.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

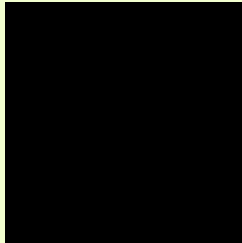
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

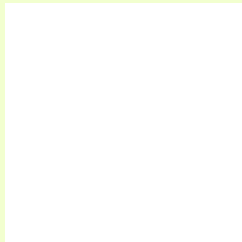
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 24.766, 119.553

Background



This preview shows how black text looks on a background with the CIELCh color 98, 24.766, 119.553.

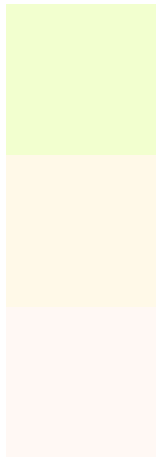


This preview shows how white text looks on a background with the CIELCh color 98, 24.766, 119.553.

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, 24.766, 119.553

Protanopia

98, 8.893, 95.390

Deuteranopia

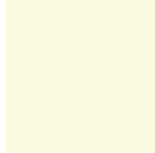
98, 3.192, 58.882

Tritanopia
98, 3.658, 301.411

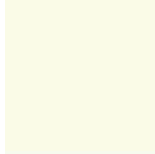
Trichromacy



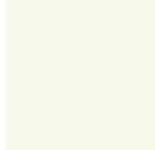
Original Color
98, 24.766, 119.553



Protanomaly
98, 14.219, 110.562

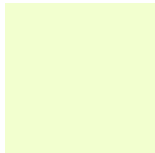


Deuteranomaly
98, 10.165, 111.433

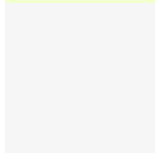


Tritanomaly
98, 6.770, 121.808

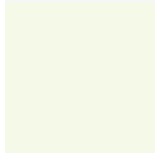
Monochromacy



Original Color
98, 24.766, 119.553



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 8.781, 118.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 24.766, 119.553 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 24.766, 119.553 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, 207) }
```

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

```
.border{ border-color:rgb(242, 255, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 24.766, 119.553 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, 207) }
```

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

```
.background{ background-color: rgb(242,  
255, 207) }
```

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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