

Converting Colors

CIELCh(98, 27.931, 115.129)

Have a look what the booklet for
CIELCh(98, 27.931, 115.129)
contains.

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Color

CIElCh(98, 28.024, 115.754)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFC8
RGB	245, 255, 200
RGB Percent	96%, 100%, 78%
CMY	0.0401, 0.0008, 0.2165
CMYK	0.04, 0.00, 0.22, 0.00
HSL	71°, 99%, 89%
HSV	71°, 22%, 100%
XYZ	83.6731, 94.9163, 68.4272
YIQ	245.7400, 11.6950, -19.2250

Conversions

Conversions Part 2

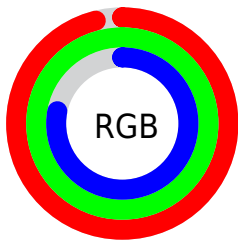
Format	Color
R_{YB}	200, 255, 210
Decimal	16121800
CIE _{Lab}	98.00, -12.18, 25.24
CIE _{LCh}	98, 28.024, 115.754
Yxy	94.9163, 0.3387, 0.3843
Android (android.graphics.Color)	4294311880 (0xFFFF5FFC8)
YUV	245.7400, -22.5498, -0.6490
Hunter-Lab	97.4250, -17.1895, 26.5547

Details

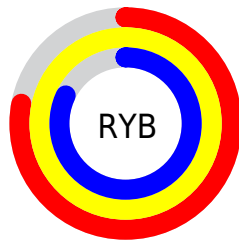
The CIELCh color **98, 28.024, 115.754** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 29.396, 299.062**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 27.762, 115.883** is the 20% darker color. If you saturate the color by 10%, you get **97, 40.770, 115.042**, and if you desaturate by 10%, it is **99, 15.086, 116.478**.

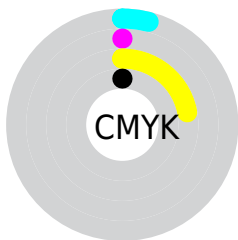
Distribution



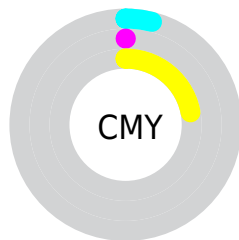
- Red (96%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 28.024, 115.754 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, 28.024, 115.754 by changing the saturation by 10% instead.

 98, 28.024,
115.754

 98, 28.024,
115.754

 100, 28.024,
115.754


 88, 28.024,
115.754

 78, 28.024,
115.754

 68, 28.024,
115.754

 58, 28.024,
115.754

 48, 28.024,
115.754

 38, 28.024,
115.754

 28, 28.024,

115.754

■ 18, 28.024,
115.754

■ 8, 28.024, 115.754

■ 98, 28.024,
115.754

■ 98, 28.024,
115.754

■ 97, 40.770,
115.042

■ 99, 15.086,
116.478

■ 97, 53.158,
114.357

■ 100, 2.056,
117.188

■ 96, 64.946,
113.740

■ 100, 0.141,
322.242

■ 95, 75.769,
113.248

■ 95, 85.114,
112.954

■ 94, 92.368,
112.950

■ 94, 97.018,
113.318

■ 94, 99.060,
113.905

Harmonies

Complementary

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



98, 28.024, 115.754



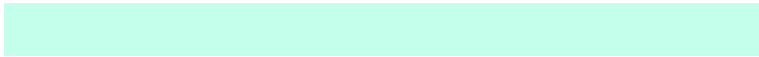
83, 29.396, 299.062

Rectangle

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



98, 28.024, 115.754



98, 28.024, 165.754



98, 28.024, 295.754



98, 28.024, 345.754

Sweetspot

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



98, 28.026, 115.758



99, 7.821, 116.876



87, 18.149, 35.732



53, 5.188, 116.830



0, 0.000, 0.000



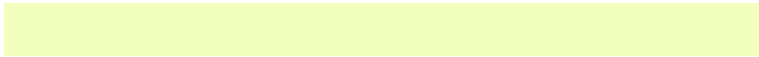
53, 0.007, 296.813

Same Dimension

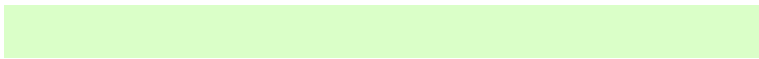
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 28.026, 115.758



98, 33.708, 115.439



96, 31.060, 133.690



53, 7.411, 116.627



73, 79.781, 113.729



25, 36.065, 112.800

Inverse Universe

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



83, 29.396, 299.062



80, 35.742, 299.497



85, 31.641, 315.592



49, 7.570, 298.004



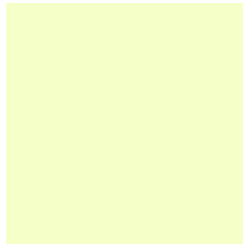
24, 106.414, 307.097



4, 44.522, 305.201

Previews

White Background



This preview shows how the CIELCh color 98, 28.024, 115.754 looks on a white background.

Color Contrast Check

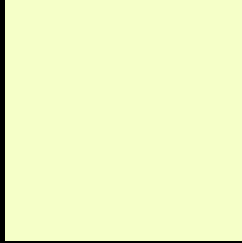
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 28.024, 115.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

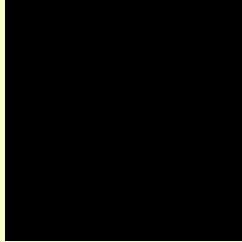
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

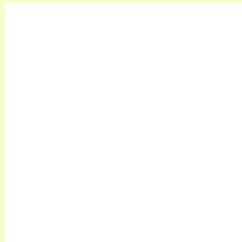
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 28.024, 115.754

Background



This preview shows how black text looks on a background with the CIELCh color 98, 28.024, 115.754.

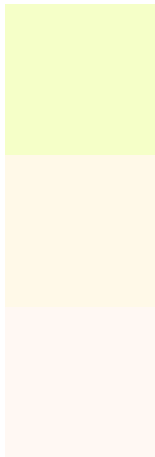


This preview shows how white text looks on a background with the CIELCh color 98, 28.024, 115.754.

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, 28.024, 115.754

Protanopia
98, 8.893, 95.390

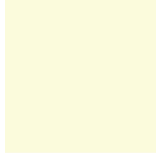
Deuteranopia
98, 3.537, 65.249

Tritanopia
98, 3.744, 306.635

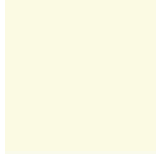
Trichromacy



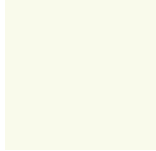
Original Color
98, 28.024, 115.754



Protanomaly
98, 15.729, 108.974

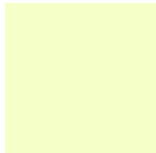


Deuteranomaly
98, 11.687, 107.500

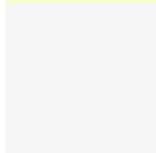


Tritanomaly
98, 7.634, 112.279

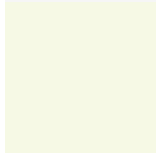
Monochromacy



Original Color
98, 28.024, 115.754



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 10.240, 115.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 28.024, 115.754 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(245, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 200)  
}
```

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(245, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 28.024, 115.754 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(245, 255, 200) }
```

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

```
.border{ border-color:rgb(245, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 28.024, 115.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 200) }
```

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

```
.background{ background-color: rgb(245,  
255, 200) }
```

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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