

Converting Colors

CIELCh(98, 12.879, 121.235)

Have a look what the booklet for
CIELCh(98, 12.879, 121.235)
contains.

CIELCh(98, 12.466, 120.938)	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, 12.466, 120.938)

Conversions

Conversions Part 1

Format	Color
Hex	F5FCE4
RGB	245, 252, 228
RGB Percent	96%, 99%, 89%
CMY	0.0379, 0.0105, 0.1046
CMYK	0.03, 0.00, 0.10, 0.01
HSL	78°, 82%, 94%
HSV	78°, 10%, 99%
XYZ	86.7310, 94.9163, 87.3823
YIQ	247.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

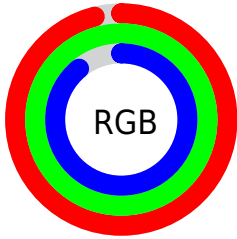
Format	Color
R_{YB}	228, 252, 235
Decimal	16121060
CIE _{Lab}	98.00, -6.41, 10.69
CIE _{LCh}	98, 12.466, 120.938
Yxy	94.9163, 0.3224, 0.3528
Android (android.graphics.Color)	4294311140 (0xFFFF5FCE4)
YUV	247.1710, -9.4513, -1.9040
Hunter-Lab	97.4250, -11.5871, 15.0192

Details

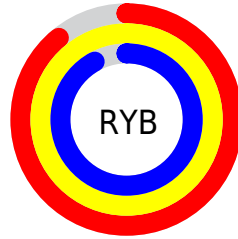
The CIELCh color **98, 12.466, 120.938** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.710, 302.069**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 11.958, 120.107** is the 20% darker color. If you saturate the color by 10%, you get **97, 25.536, 120.343**, and if you desaturate by 10%, it is **99, 0.648, 301.437**.

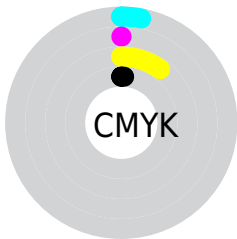
Distribution



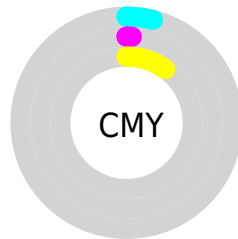
- Red (96%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 12.466, 120.938 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, 12.466, 120.938 by changing the saturation by 10% instead.

 98, 12.466,
120.938


 98, 12.466,
120.938


 100, 12.466,
120.938


 88, 12.466,
120.938


 78, 12.466,
120.938

 68, 12.466,
120.938

 58, 12.466,
120.938

 48, 12.466,
120.938

 38, 12.466,
120.938

 28, 12.466,

120.938

■ 18, 12.466,
120.938

■ 8, 12.466, 120.938

■ 98, 12.466,
120.938

■ 98, 12.466,
120.938

■ 97, 25.536,
120.343

■ 99, 0.648, 301.437

■ 99, 1.665, 324.314

■ 96, 38.454,
119.741

■ 95, 51.078,
119.162

■ 94, 63.186,
118.645

■ 94, 74.450,
118.249

■ 93, 84.402,
118.056

■ 92, 92.456,
118.176

■ 92, 98.059,
118.717

■ 91, 101.194,
119.702

Harmonies

Complementary

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



98, 12.466, 120.938



92, 12.710, 302.069

Rectangle

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



98, 12.466, 120.938



98, 12.466, 170.938



98, 12.466, 300.938



98, 12.466, 350.938

Sweetspot

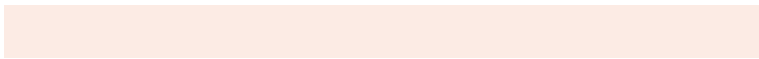
The Sweet Spot groups the original color and five complimentary colors.



98, 12.468, 120.944



100, 3.958, 121.334



94, 7.144, 48.859



53, 3.002, 121.285



0, 0.000, 0.000



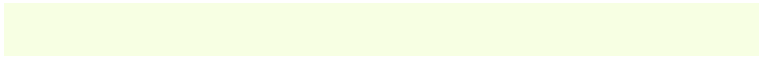
53, 0.007, 296.813

Same Dimension

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



98, 12.468, 120.944



99, 14.537, 120.855



97, 14.010, 137.891



52, 7.390, 120.945



70, 81.316, 119.500



23, 35.689, 118.253

Inverse Universe

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



92, 12.710, 302.069



92, 14.858, 302.167



93, 14.095, 318.712



48, 7.534, 302.067



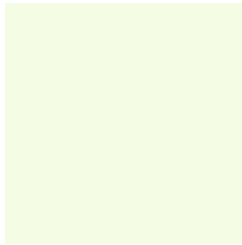
25, 103.714, 308.208



4, 42.812, 307.039

Previews

White Background



This preview shows how the CIELCh color 98, 12.466, 120.938 looks on a white background.

Color Contrast Check

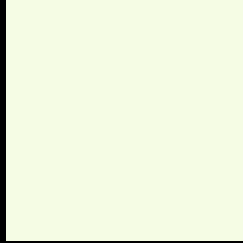
Large Text (above 18pt) WCAG AA × Fail

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, 12.466, 120.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

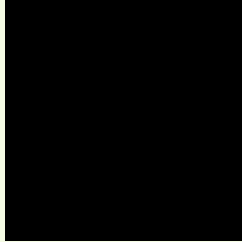
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

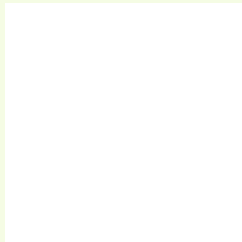
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 12.466, 120.938

Background



This preview shows how black text looks on a background with the CIELCh color 98, 12.466, 120.938.

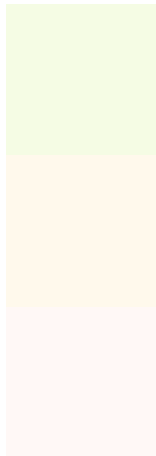


This preview shows how white text looks on a background with the CIELCh color 98, 12.466, 120.938.

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, 12.466, 120.938

Protanopia

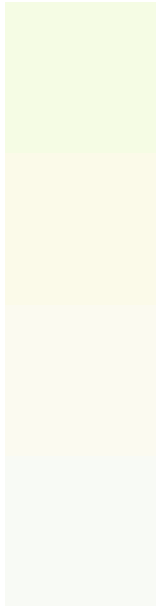
98, 6.933, 91.542

Deuteranopia

98, 2.666, 41.733

Tritanopia
98, 3.658, 301.411

Trichromacy



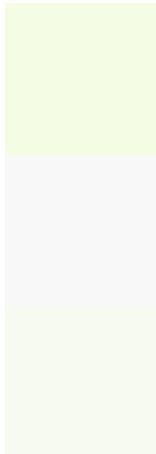
Original Color
98, 12.466, 120.938

Protanomaly
98, 8.641, 107.125

Deuteranomaly
98, 5.087, 105.764

Tritanomaly
98, 2.639, 125.442

Monochromacy



Original Color
98, 12.466, 120.938

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 4.706, 122.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 12.466, 120.938 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, 252, 228)` looks like.

```
.text, #text, p{  
    color:rgb(245, 252, 228)  
}
```

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, 252, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 252, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 12.466, 120.938 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, 252, 228) }
```

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

```
.border{ border-color:rgb(245, 252, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 252, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 252, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 252, 228);  
box-shadow:4px 4px 4px 4px rgb(245, 252,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 12.466, 120.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 252, 228) }
```

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

```
.background{ background-color: rgb(245,  
252, 228) }
```

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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