

Converting Colors

CIELCh(98, 7.828, 122.102)

Have a look what the booklet for
CIELCh(98, 7.828, 122.102) contains.

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Color

CIELCh(98, 7.767, 120.188)

Conversions

Conversions Part 1

Format	Color
Hex	F7FBEC
RGB	247, 251, 236
RGB Percent	97%, 98%, 93%
CMY	0.0310, 0.0152, 0.0741
CMYK	0.02, 0.00, 0.06, 0.02
HSL	76°, 66%, 96%
HSV	76°, 6%, 98%
XYZ	88.0810, 94.9163, 93.1151
YIQ	248.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

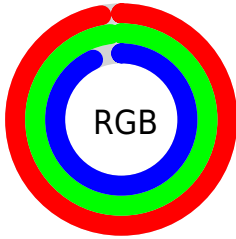
Format	Color
RYB	236, 251, 240
Decimal	16251884
CIELab	98.00, -3.91, 6.71
CIELCh	98, 7.767, 120.188
Yxy	94.9163, 0.3190, 0.3438
Android (android.graphics.Color)	4294441964 (0xFFFF7FBEC)
YUV	248.0940, -5.9623, -0.9594
Hunter-Lab	97.4250, -9.1136, 11.5303

Details

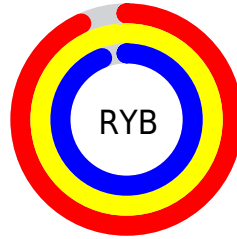
The CIELCh color **98, 7.767, 120.188** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.879, 300.917**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.146, 120.089** is the 20% darker color. If you saturate the color by 10%, you get **97, 20.761, 119.575**, and if you desaturate by 10%, it is **99, 2.212, 315.502**.

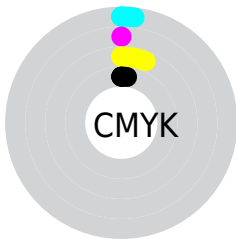
Distribution



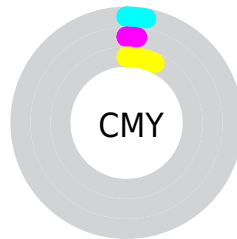
- Red (97%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.767, 120.188 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, 7.767, 120.188 by changing the saturation by 10% instead.

 98, 7.767, 120.188

 98, 7.767, 120.188

 100, 7.767,
120.188

 88, 7.767, 120.188

 78, 7.767, 120.188

 68, 7.767, 120.188

 58, 7.767, 120.188

 48, 7.767, 120.188

 38, 7.767, 120.188

 28, 7.767, 120.188

 18, 7.767, 120.188

 8, 7.767, 120.188

98, 7.767, 120.188

98, 7.767, 120.188

97, 20.761,
119.575

99, 2.212, 315.502

96, 33.639,
118.948

99, 2.422, 324.399

95, 46.276,
118.335

94, 58.483,
117.769

94, 69.976,
117.298

93, 80.337,
116.996

92, 89.014,
116.959

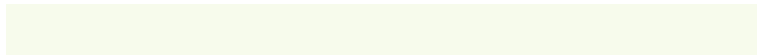
92, 95.414,
117.296

■ 92, 99.186,
118.089

Harmonies

Complementary

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



98, 7.767, 120.188



94, 7.879, 300.917

Rectangle

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



98, 7.767, 120.188



98, 7.767, 170.188



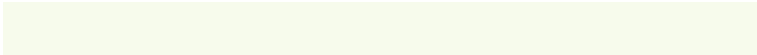
98, 7.767, 300.188



98, 7.767, 350.188

Sweetspot

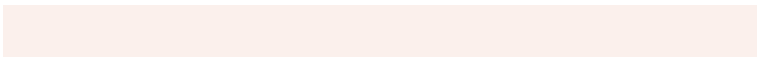
The Sweet Spot groups the original color and five complimentary colors.



98, 7.769, 120.197



100, 2.625, 120.448



96, 4.426, 47.002



53, 1.492, 120.455



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, 7.769, 120.197



99, 9.217, 120.133



97, 8.701, 137.568



52, 5.891, 120.097



71, 80.723, 118.259



23, 35.481, 117.085

Inverse Universe

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



94, 7.879, 300.917



95, 9.361, 300.985



95, 8.748, 318.036



49, 5.988, 301.024



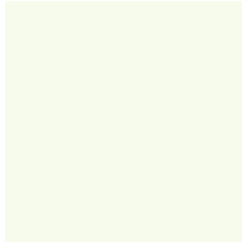
25, 104.133, 307.910



4, 42.744, 306.439

Previews

White Background



This preview shows how the CIELCh color 98, 7.767, 120.188 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, 7.767, 120.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

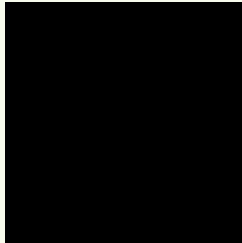
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

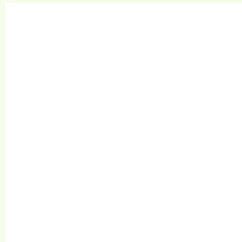
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.767, 120.188

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.767, 120.188.

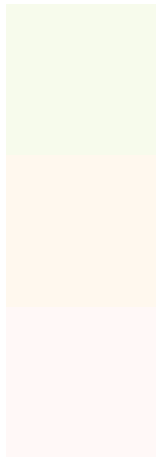


This preview shows how white text looks on a background with the CIELCh color 98, 7.767, 120.188.

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, 7.767, 120.188

Protanopia

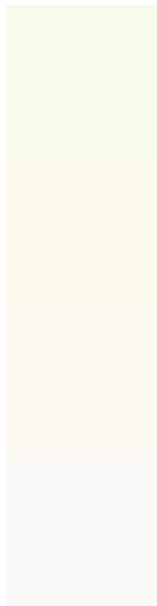
98, 5.650, 83.422

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color
98, 7.767, 120.188

Protanomaly
98, 6.183, 99.697

Deuteranomaly
98, 3.215, 90.594

Tritanomaly
98, 0.498, 109.987

Monochromacy



Original Color
98, 7.767, 120.188

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.565, 117.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.767, 120.188 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(247, 251, 236)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 236)  
}
```

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(247, 251, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.767, 120.188 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(247, 251, 236) }
```

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

```
.border{ border-color:rgb(247, 251, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 251, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 236);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.767, 120.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 236) }
```

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

```
.background{ background-color: rgb(247,  
251, 236) }
```

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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