

Converting Colors

CIELCh(98, 7.500, 132.751)

Have a look what the booklet for
CIELCh(98, 7.500, 132.751) contains.

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Color

CIELCh(98, 7.689, 131.312)

Conversions

Conversions Part 1

Format	Color
Hex	F4FCEE
RGB	244, 252, 238
RGB Percent	96%, 99%, 93%
CMY	0.0436, 0.0122, 0.0672
CMYK	0.03, 0.00, 0.06, 0.01
HSL	94°, 69%, 96%
HSV	94°, 6%, 99%
XYZ	87.4481, 94.9163, 94.5025
YIQ	248.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

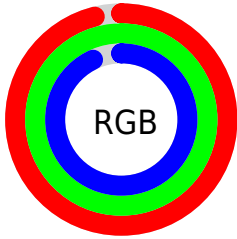
Format	Color
R_{YB}	238, 252, 246
Decimal	16055534
CIE Lab	98.00, -5.08, 5.78
CIE LCh	98, 7.689, 131.312
Yxy	94.9163, 0.3158, 0.3428
Android (android.graphics.Color)	4294245614 (0xFFFF4FCEE)
YUV	248.0120, -4.9359, -3.5185
Hunter-Lab	97.4250, -10.2732, 10.6860

Details

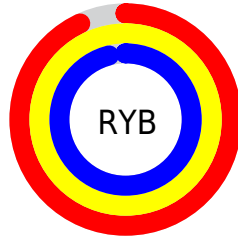
The CIELCh color **98, 7.689, 131.312** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.759, 311.742**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.436, 130.136** is the 20% darker color. If you saturate the color by 10%, you get **96, 21.595, 130.853**, and if you desaturate by 10%, it is **99, 1.947, 324.351**.

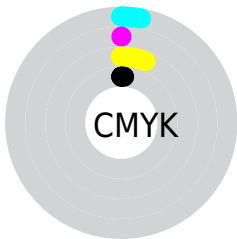
Distribution



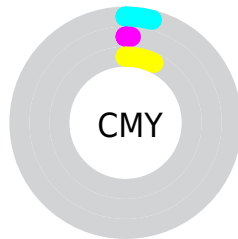
- Red (96%)
- Green (99%)
- Blue (93%)



- Red (93%)
- Yellow (99%)
- Blue (96%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.689, 131.312 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, 7.689, 131.312 by changing the saturation by 10% instead.

 98, 7.689, 131.312

 98, 7.689, 131.312

 100, 7.689,
131.312

 88, 7.689, 131.312

 78, 7.689, 131.312

 68, 7.689, 131.312

 58, 7.689, 131.312

 48, 7.689, 131.312

 38, 7.689, 131.312

 28, 7.689, 131.312

 18, 7.689, 131.312

 8, 7.689, 131.312

98, 7.689, 131.312

98, 7.689, 131.312

96, 21.595,
130.853

99, 1.947, 324.351

95, 35.473,
130.369

94, 49.178,
129.873

92, 62.506,
129.394

91, 75.158,
128.983

91, 86.715,
128.721

90, 96.623,
128.725

89, 104.278,
129.127

■ 89,109.285,
130.021

Harmonies

Complementary

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



98, 7.689, 131.312



95, 7.759, 311.742

Rectangle

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



98, 7.689, 131.312



98, 7.689, 181.312



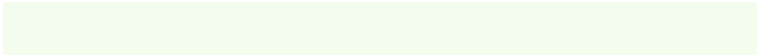
98, 7.689, 311.312



98, 7.689, 1.312

Sweetspot

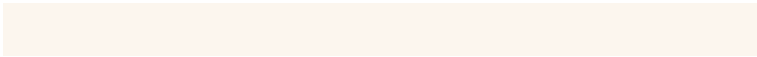
The Sweet Spot groups the original color and five complimentary colors.



98, 7.692, 131.317



100, 2.784, 131.507



97, 4.568, 81.491



53, 1.582, 131.515



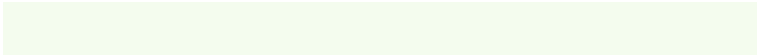
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

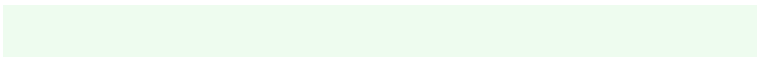
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.692, 131.317



99, 9.789, 131.250



98, 8.337, 145.996



52, 6.258, 131.223



68, 88.973, 130.237



22, 38.617, 128.926

Inverse Universe

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



95, 7.759, 311.742



95, 9.884, 311.809



95, 8.359, 326.563



49, 6.321, 311.836



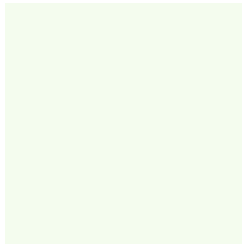
31, 98.002, 313.631



6, 43.249, 314.772

Previews

White Background



This preview shows how the CIE LCh color 98, 7.689, 131.312 looks on a white background.

Color Contrast Check

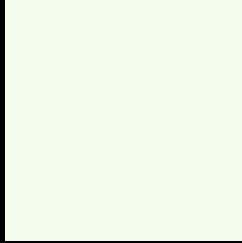
Large Text (above 18pt) WCAG AA × Fail

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, 7.689, 131.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

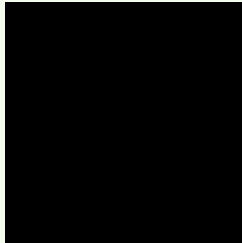
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

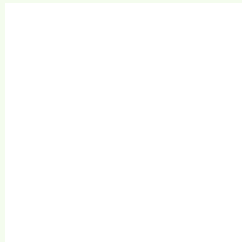
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.689, 131.312

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.689, 131.312.

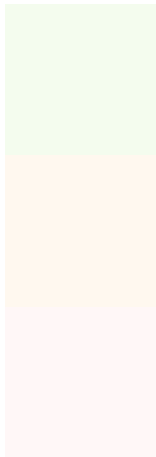


This preview shows how white text looks on a background with the CIELCh color 98, 7.689, 131.312.

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



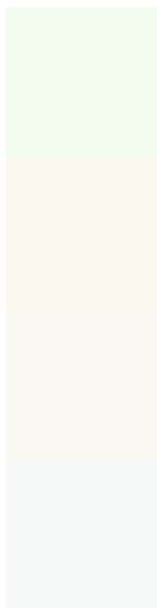
Original Color
98, 7.689, 131.312

Protanopia
98, 5.196, 81.002

Deuteranopia
98, 2.827, 19.362

Tritanopia
98, 3.070, 290.433

Trichromacy



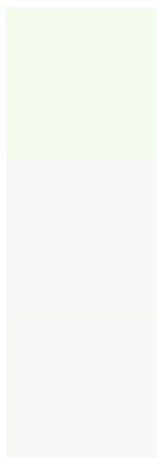
Original Color
98, 7.689, 131.312

Protanomaly
98, 5.124, 101.775

Deuteranomaly
98, 2.625, 94.317

Tritanomaly
98, 1.167, 174.055

Monochromacy



Original Color
98, 7.689, 131.312

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.761, 132.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.689, 131.312 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(244, 252, 238)` looks like.

```
.text, #text, p{  
    color:rgb(244, 252, 238)  
}
```

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(244, 252, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 252, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.689, 131.312 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(244, 252, 238) }
```

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

```
.border{ border-color:rgb(244, 252, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 252, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 252, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 252, 238);  
box-shadow:4px 4px 4px 4px rgb(244, 252,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.689, 131.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 252, 238) }
```

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

```
.background{ background-color: rgb(244,  
252, 238) }
```

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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