

Converting Colors

CIE LCh(98, 7.170, 158.733)

Have a look what the booklet for
CIELCh(98, 7.170, 158.733) contains.

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Color

CIELCh(98, 7.014, 158.244)

Conversions

Conversions Part 1

Format	Color
Hex	EEFDF4
RGB	238, 253, 244
RGB Percent	93%, 99%, 96%
CMY	0.0669, 0.0080, 0.0433
CMYK	0.06, 0.00, 0.04, 0.01
HSL	144°, 79%, 96%
HSV	144°, 6%, 99%
XYZ	86.6744, 94.9163, 99.3008
YIQ	247.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

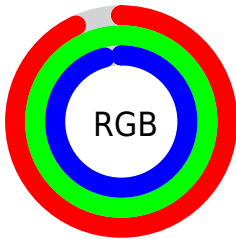
Format	Color
R _Y B	238, 249, 253
Decimal	15662580
CIE Lab	98.00, -6.51, 2.60
CIE LCh	98, 7.014, 158.244
Yxy	94.9163, 0.3086, 0.3379
Android (android.graphics.Color)	4293852660 (0xFFEEFDF4)
YUV	247.4890, -1.7201, -8.3219
Hunter-Lab	97.4250, -11.6907, 7.7659

Details

The CIELCh color **98, 7.014, 158.244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.063, 339.012**, 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, 6.730, 159.497** is the 20% darker color. If you saturate the color by 10%, you get **96, 18.906, 157.366**, and if you desaturate by 10%, it is **99, 1.278, 324.244**.

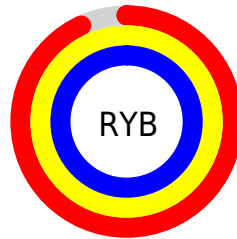
Distribution



Red (93%)

Green (99%)

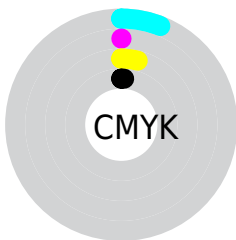
Blue (96%)



Red (93%)

Yellow (98%)

Blue (99%)

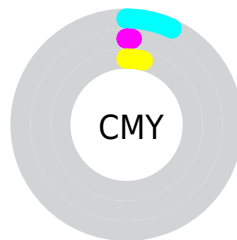


Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (1%)



Cyan (7%)


Magenta (1%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.014, 158.244 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, 7.014, 158.244 by changing the saturation by 10% instead.

 98, 7.014, 158.244

 98, 7.014, 158.244


 100, 7.014,
158.244

 88, 7.014, 158.244

 78, 7.014, 158.244

 68, 7.014, 158.244

 58, 7.014, 158.244

 48, 7.014, 158.244

 38, 7.014, 158.244

 28, 7.014, 158.244

 18, 7.014, 158.244

 8, 7.014, 158.244

98, 7.014, 158.244

98, 7.014, 158.244

96, 18.906,
157.366

99, 1.278, 324.244

94, 30.732,
156.413

93, 42.321,
155.333


91, 53.473,
154.100

90, 63.974,
152.689

89, 73.616,
151.079

88, 82.229,
149.260

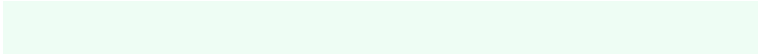
88, 89.710,
147.242

 88, 96.052,
145.069

Harmonies

Complementary

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



98, 7.014, 158.244



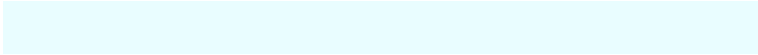
95, 7.063, 339.012

Rectangle

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



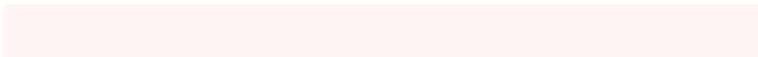
98, 7.014, 158.244



98, 7.014, 208.244



98, 7.014, 338.244



98, 7.014, 28.244

Sweetspot

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



98, 7.016, 158.239



100, 2.371, 158.666



99, 7.905, 124.608



53, 1.348, 158.683



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, 7.016, 158.239



98, 8.340, 158.145



98, 5.277, 189.443



52, 5.421, 158.092



68, 79.025, 144.593



23, 33.985, 147.723

Inverse Universe

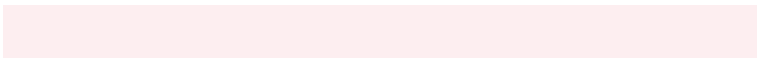
The Inverse Universe completely reimagines the original color for something new.



95, 7.063, 339.012



95, 8.398, 339.104



95, 5.436, 10.184



50, 5.460, 339.155



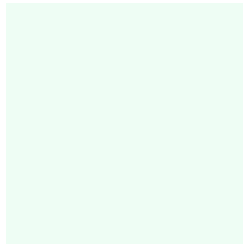
42, 70.363, 352.969



11, 33.152, 348.948

Previews

White Background



This preview shows how the CIE LCh color 98, 7.014, 158.244 looks on a white background.

Color Contrast Check

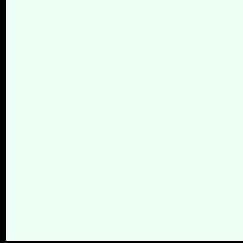
Large Text (above 18pt) WCAG AA × Fail

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, 7.014, 158.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

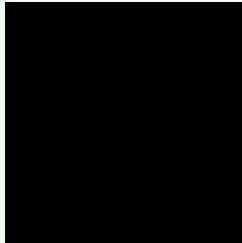
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

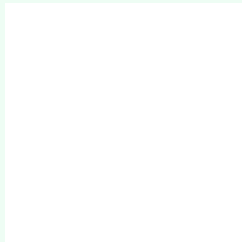
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.014, 158.244

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.014, 158.244.

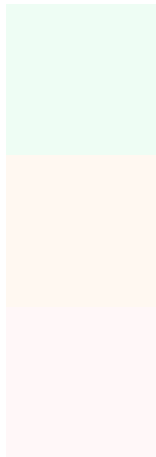


This preview shows how white text looks on a background with the CIELCh color 98, 7.014, 158.244.

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, 7.014, 158.244

Protanopia

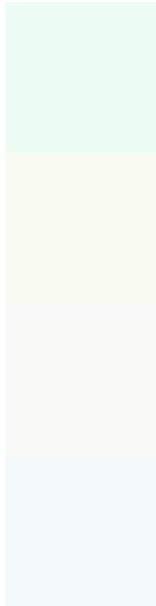
98, 4.327, 74.647

Deuteranopia

98, 2.876, 9.172

Tritanopia
98, 3.137, 277.676

Trichromacy



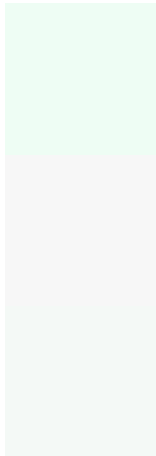
Original Color
98, 7.014, 158.244

Protanomaly
98, 4.081, 114.833

Deuteranomaly
98, 1.008, 110.026

Tritanomaly
98, 2.141, 213.375

Monochromacy



Original Color
98, 7.014, 158.244

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.335, 158.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.014, 158.244 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(238, 253, 244)` looks like.

```
.text, #text, p{  
    color:rgb(238, 253, 244)  
}
```

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(238, 253, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 253, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.014, 158.244 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(238, 253, 244) }
```

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

```
.border{ border-color:rgb(238, 253, 244) }
```

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

Here you see how a box with a 4 pixel rgb(238, 253, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 253, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 253, 244);  
box-shadow:4px 4px 4px 4px rgb(238, 253,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.014, 158.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 253, 244) }
```

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

```
.background{ background-color: rgb(238,  
253, 244) }
```

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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