

Converting Colors

CIE LCh(98, 6.152, 174.606)

Have a look what the booklet for
CIELCh(98, 6.152, 174.606) contains.

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Color

CIELCh(98, 6.147, 174.609)

Conversions

Conversions Part 1

Format	Color
Hex	EDFDF8
RGB	237, 253, 248
RGB Percent	93%, 99%, 97%
CMY	0.0711, 0.0083, 0.0280
CMYK	0.06, 0.00, 0.02, 0.01
HSL	161°, 79%, 96%
HSV	161°, 6%, 99%
XYZ	86.8861, 94.9163, 102.4393
YIQ	247.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

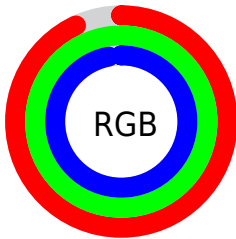
Format	Color
R_{YB}	237, 246, 253
Decimal	15597048
CIE Lab	98.00, -6.12, 0.58
CIE LCh	98, 6.147, 174.609
Yxy	94.9163, 0.3057, 0.3339
Android (android.graphics.Color)	4293787128 (0xFFEDFDF8)
YUV	247.6460, 0.1745, -9.3365
Hunter-Lab	97.4250, -11.3027, 5.8559

Details

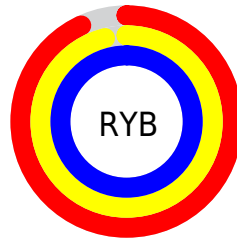
The CIELCh color **98, 6.147, 174.609** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.264, 355.593**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 5.888, 177.697** is the 20% darker color. If you saturate the color by 10%, you get **96, 15.752, 173.569**, and if you desaturate by 10%, it is **99, 1.330, 324.256**.

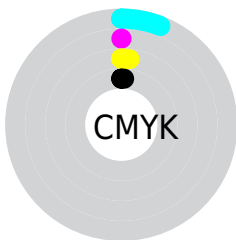
Distribution



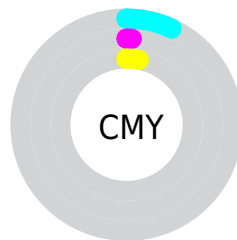
- Red (93%)
- Green (99%)
- Blue (97%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (7%)
- Magenta (1%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.147, 174.609 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, 6.147, 174.609 by changing the saturation by 10% instead.

 98, 6.147, 174.609

 98, 6.147, 174.609

 100, 6.147,
174.609

 88, 6.147, 174.609

 78, 6.147, 174.609

 68, 6.147, 174.609

 58, 6.147, 174.609

 48, 6.147, 174.609

 38, 6.147, 174.609

 28, 6.147, 174.609

 18, 6.147, 174.609

 8, 6.147, 174.609

98, 6.147, 174.609

98, 6.147, 174.609

96, 15.752,
173.569

99, 1.330, 324.256

95, 25.082,
172.504

93, 33.988,
171.351

92, 42.301,
170.084

91, 49.859,
168.678

90, 56.521,
167.106

89, 62.197,
165.345

89, 66.867,
163.378

■ 89, 70.615,
161.211

Harmonies

Complementary

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



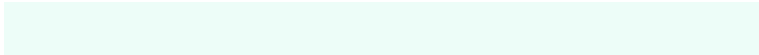
98, 6.147, 174.609



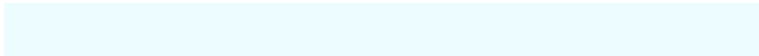
95, 6.264, 355.593

Rectangle

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



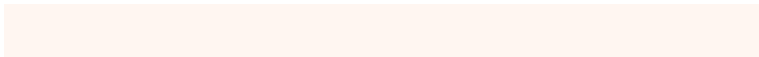
98, 6.147, 174.609



98, 6.147, 224.609



98, 6.147, 354.609



98, 6.147, 44.609

Sweetspot

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



98, 6.149, 174.597



100, 1.957, 175.196



98, 9.049, 134.960



53, 1.112, 175.220



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

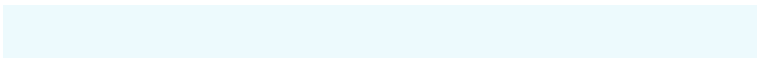
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 6.149, 174.597



98, 7.821, 174.420



97, 4.718, 217.818



52, 5.553, 174.265



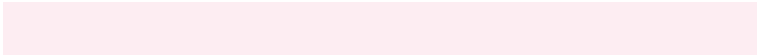
69, 57.861, 160.807



23, 25.382, 163.841

Inverse Universe

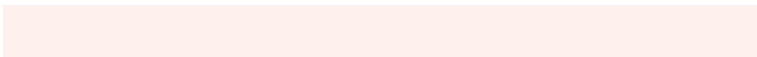
The Inverse Universe completely reimagines the original color for something new.



95, 6.264, 355.593



95, 8.000, 355.778



96, 4.906, 37.352



50, 5.702, 355.941



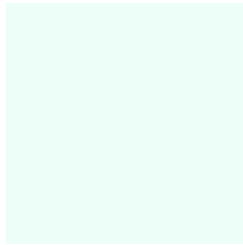
40, 70.266, 20.110



10, 31.412, 11.848

Previews

White Background



This preview shows how the CIE LCh color 98, 6.147, 174.609 looks on a white background.

Color Contrast Check

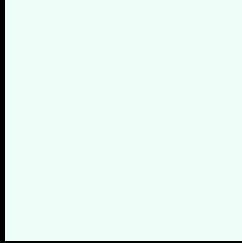
Large Text (above 18pt) WCAG AA × Fail

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, 6.147, 174.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

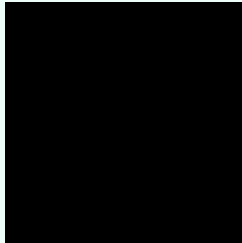
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

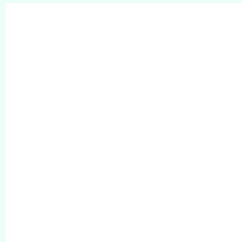
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 6.147, 174.609

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.147, 174.609.

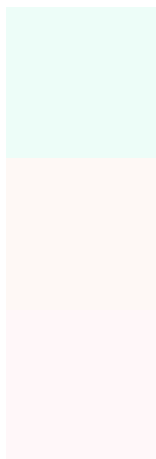


This preview shows how white text looks on a background with the CIELCh color 98, 6.147, 174.609.

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, 6.147, 174.609

Protanopia

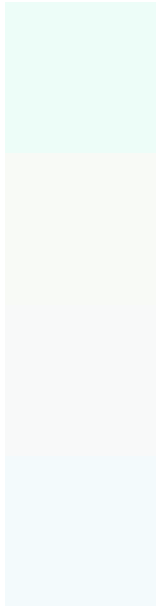
98, 2.599, 55.190

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.137, 277.676

Trichromacy



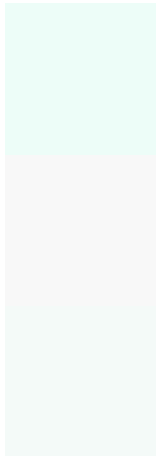
Original Color
98, 6.147, 174.609

Protanomaly
98, 2.153, 129.064

Deuteranomaly
98, 0.349, 201.249

Tritanomaly
98, 2.621, 222.452

Monochromacy



Original Color
98, 6.147, 174.609

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.339, 173.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 6.147, 174.609 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(237, 253, 248)` looks like.

```
.text, #text, p{  
    color:rgb(237, 253, 248)  
}
```

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(237, 253, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 253, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.147, 174.609 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(237, 253, 248) }
```

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

```
.border{ border-color:rgb(237, 253, 248) }
```

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

Here you see how a box with a 4 pixel rgb(237, 253, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 253, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 253, 248);  
box-shadow:4px 4px 4px 4px rgb(237, 253,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.147, 174.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 253, 248) }
```

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

```
.background{ background-color: rgb(237,  
253, 248) }
```

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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