

Converting Colors

CIE LCh(98, 6.706, 187.907)

Have a look what the booklet for
CIELCh(98, 6.706, 187.907) contains.

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Color

CIELCh(98, 6.643, 190.227)

Conversions

Conversions Part 1

Format	Color
Hex	EAFDFB
RGB	234, 253, 251
RGB Percent	92%, 99%, 98%
CMY	0.0814, 0.0069, 0.0147
CMYK	0.08, 0.00, 0.01, 0.01
HSL	174°, 84%, 96%
HSV	174°, 8%, 99%
XYZ	86.6620, 94.9163, 105.2193
YIQ	247.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

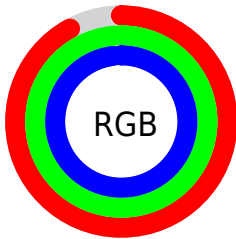
Format	Color
R_{YB}	234, 244, 253
Decimal	15400443
CIE _{Lab}	98.00, -6.54, -1.18
CIE _{LCh}	98, 6.643, 190.227
Yxy	94.9163, 0.3022, 0.3310
Android (android.graphics.Color)	4293590523 (0xFFEAFDFB)
YUV	247.0910, 1.9271, -11.4808
Hunter-Lab	97.4250, -11.7134, 4.1641

Details

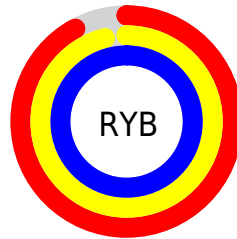
The CIELCh color **98, 6.643, 190.227** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.905, 11.244**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 6.506, 194.251** is the 20% darker color. If you saturate the color by 10%, you get **96, 15.179, 189.363**, and if you desaturate by 10%, it is **100, 0.710, 349.958**.

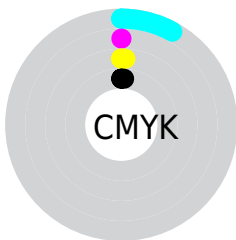
Distribution



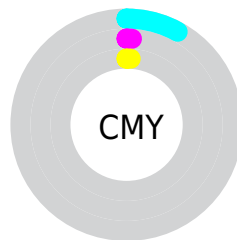
- Red (92%)
- Green (99%)
- Blue (98%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.643, 190.227 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, 6.643, 190.227 by changing the saturation by 10% instead.

 98, 6.643, 190.227

 98, 6.643, 190.227

 100, 6.643,
190.227

 88, 6.643, 190.227

 78, 6.643, 190.227

 68, 6.643, 190.227

 58, 6.643, 190.227

 48, 6.643, 190.227

 38, 6.643, 190.227

 28, 6.643, 190.227

 18, 6.643, 190.227

 8, 6.643, 190.227

98, 6.643, 190.227

98, 6.643, 190.227

96, 15.179,
189.363

100, 0.710,
349.958

95, 23.214,
188.540

100, 1.097,
324.198

94, 30.600,
187.705


92, 37.185,
186.845

92, 42.833,
185.947

91, 47.441,
184.995

90, 50.960,
183.970

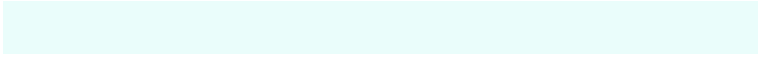
90, 53.413,
182.853

 90, 54.924,
181.631

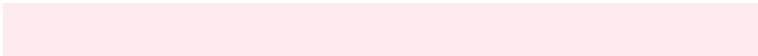
Harmonies

Complementary

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



98, 6.643, 190.227



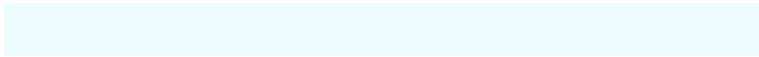
94, 6.905, 11.244

Rectangle

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



98, 6.643, 190.227



98, 6.643, 240.227



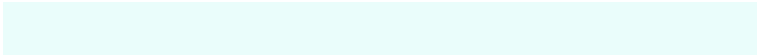
98, 6.643, 10.227



98, 6.643, 60.227

Sweetspot

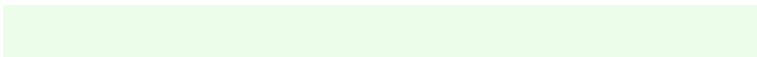
The Sweet Spot groups the original color and five complimentary colors.



98, 6.645, 190.212



100, 1.795, 190.906



98, 11.417, 140.889



53, 1.020, 190.932



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

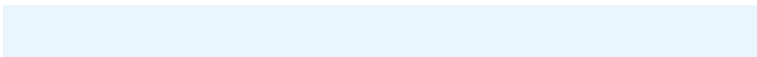
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 6.645, 190.212



98, 7.990, 190.078



96, 5.436, 242.758



52, 5.043, 190.034



70, 44.624, 181.547



23, 20.239, 183.173

Inverse Universe

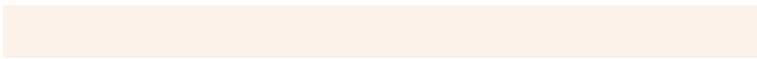
The Inverse Universe completely reimagines the original color for something new.



94, 6.905, 11.244



94, 8.367, 11.396



96, 5.606, 61.042



50, 5.294, 11.446



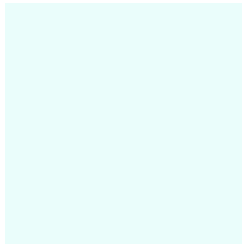
40, 79.715, 35.673



10, 32.564, 22.889

Previews

White Background



This preview shows how the CIELCh color 98, 6.643, 190.227 looks on a white background.

Color Contrast Check

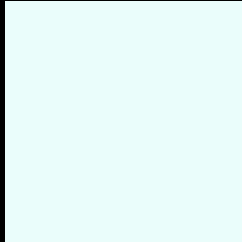
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 98, 6.643, 190.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

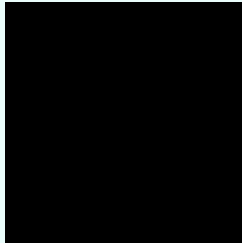
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

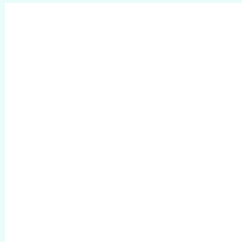
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 6.643, 190.227

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.643, 190.227.

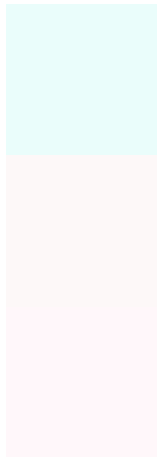


This preview shows how white text looks on a background with the CIELCh color 98, 6.643, 190.227.

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, 6.643, 190.227

Protanopia

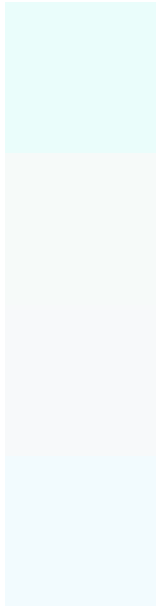
98, 1.762, 19.152

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.225, 271.658

Trichromacy



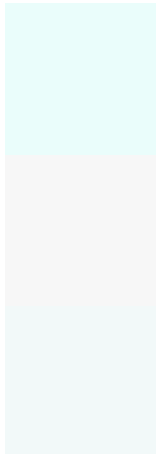
Original Color
98, 6.643, 190.227

Protanomaly
98, 1.490, 179.764

Deuteranomaly
98, 0.864, 236.459

Tritanomaly
98, 3.444, 225.830

Monochromacy



Original Color
98, 6.643, 190.227

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.437, 199.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 6.643, 190.227 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(234, 253, 251)` looks like.

```
.text, #text, p{  
    color:rgb(234, 253, 251)  
}
```

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(234, 253, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 253, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.643, 190.227 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(234, 253, 251) }
```

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

```
.border{ border-color:rgb(234, 253, 251) }
```

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

Here you see how a box with a 4 pixel rgb(234, 253, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 253, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 253, 251);  
box-shadow:4px 4px 4px 4px rgb(234, 253,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.643, 190.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 253, 251) }
```

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

```
.background{ background-color: rgb(234,  
253, 251) }
```

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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