

Converting Colors

CIELCh(99, 8.858, 181.772)

Have a look what the booklet for
CIELCh(99, 8.858, 181.772) contains.

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Color

CIELCh(98, 7.740, 187.583)

Conversions

Conversions Part 1

Format	Color
Hex	E8FEFB
RGB	232, 254, 251
RGB Percent	91%, 100%, 98%
CMY	0.0905, 0.0043, 0.0161
CMYK	0.09, 0.00, 0.01, 0.00
HSL	172°, 91%, 95%
HSV	172°, 9%, 100%
XYZ	86.0549, 94.9163, 104.9672
YIQ	247.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

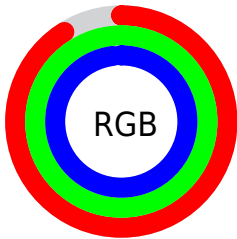
Format	Color
R _Y B	232, 244, 254
Decimal	15269627
CIE Lab	98.00, -7.67, -1.02
CIE LCh	98, 7.740, 187.583
Yxy	94.9163, 0.3010, 0.3319
Android (android.graphics.Color)	4293459707 (0xFFE8FEFB)
YUV	247.0800, 1.9326, -13.2252
Hunter-Lab	97.4250, -12.8257, 4.3175

Details

The CIELCh color **98, 7.740, 187.583** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 8.066, 8.902**, 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, 7.631, 190.798** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.362, 186.674**, and if you desaturate by 10%, it is **100, 0.461, 346.968**.

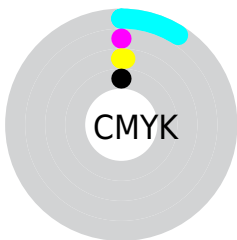
Distribution



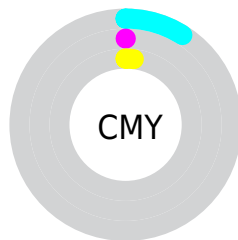
- Red (91%)
- Green (100%)
- Blue (98%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.740, 187.583 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, 7.740, 187.583 by changing the saturation by 10% instead.

 98, 7.740, 187.583

 98, 7.740, 187.583

 100, 7.740,
187.583

 88, 7.740, 187.583

 78, 7.740, 187.583

 68, 7.740, 187.583

 58, 7.740, 187.583

 48, 7.740, 187.583

 38, 7.740, 187.583

 28, 7.740, 187.583

 18, 7.740, 187.583

 8, 7.740, 187.583

98, 7.740, 187.583

98, 7.740, 187.583

96, 16.362,
186.674

100, 0.461,
346.968

95, 24.498,
185.779

100, 0.692,
324.019

94, 31.997,
184.853


92, 38.705,
183.881

92, 44.485,
182.845

91, 49.232,
181.727

90, 52.900,
180.504

90, 55.516,
179.155

 90, 57.235,
177.678

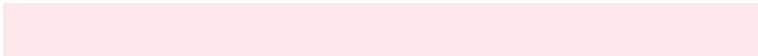
Harmonies

Complementary

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



98, 7.740, 187.583



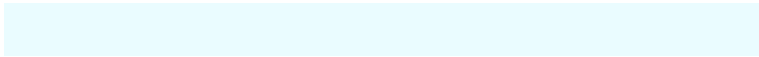
94, 8.066, 8.902

Rectangle

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



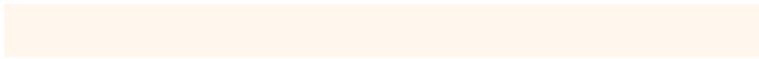
98, 7.740, 187.583



98, 7.740, 237.583



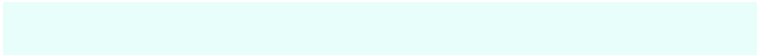
98, 7.740, 7.583



98, 7.740, 57.583

Sweetspot

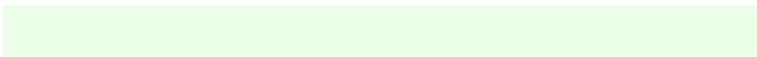
The Sweet Spot groups the original color and five complimentary colors.



98, 7.742, 187.571



99, 2.713, 188.195



98, 13.073, 139.882



53, 2.055, 188.079



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

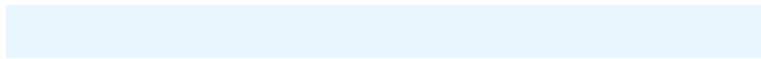
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.742, 187.571



98, 8.951, 187.447



96, 6.218, 238.681



52, 5.094, 187.492



70, 46.283, 177.754



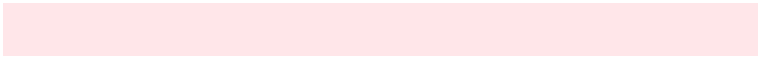
23, 20.880, 179.727

Inverse Universe

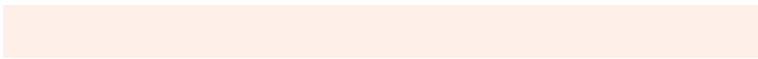
The Inverse Universe completely reimagines the original color for something new.



94, 8.066, 8.902



93, 9.386, 9.042



96, 6.476, 56.934



50, 5.328, 8.991



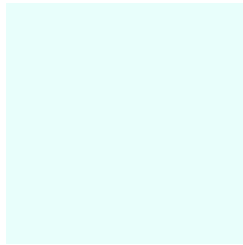
40, 78.169, 33.920



10, 32.363, 21.589

Previews

White Background



This preview shows how the CIELCh color 98, 7.740, 187.583 looks on a white background.

Color Contrast Check

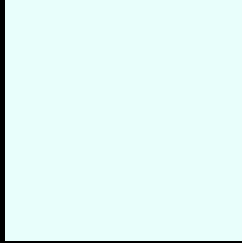
Large Text (above 18pt) WCAG AA × Fail

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, 7.740, 187.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

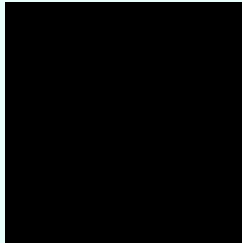
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

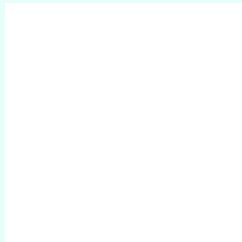
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.740, 187.583

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.740, 187.583.

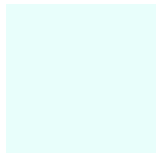


This preview shows how white text looks on a background with the CIELCh color 98, 7.740, 187.583.

Color Blindness Simulation

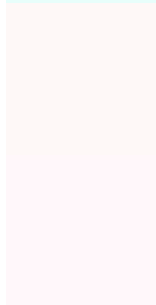
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 7.746, 187.580



Protanopia

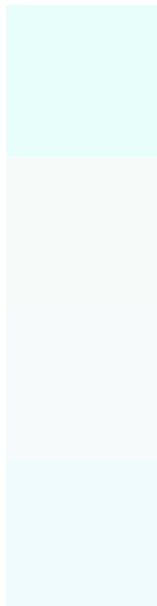
98, 2.172, 32.785

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.347, 266.028

Trichromacy



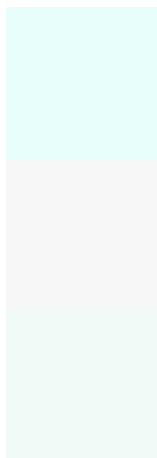
Original Color
98, 7.746, 187.580

Protanomaly
98, 1.736, 163.796

Deuteranomaly
98, 1.046, 199.962

Tritanomaly
98, 4.066, 221.485

Monochromacy



Original Color
98, 7.746, 187.580

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 2.981, 179.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.740, 187.583 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(232, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(232, 254, 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(232, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 254, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.740, 187.583 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(232, 254, 251) }
```

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

```
.border{ border-color:rgb(232, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(232, 254,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.740, 187.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 254, 251) }
```

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

```
.background{ background-color: rgb(232,  
254, 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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