

Converting Colors

CIELCh(98, 7.936, 176.260)

Have a look what the booklet for
CIELCh(98, 7.936, 176.260) contains.

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Color

CIELCh(98, 7.930, 176.264)

Conversions

Conversions Part 1

Format	Color
Hex	E9FEF8
RGB	233, 254, 248
RGB Percent	91%, 100%, 97%
CMY	0.0866, 0.0042, 0.0278
CMYK	0.08, 0.00, 0.02, 0.00
HSL	163°, 91%, 95%
HSV	163°, 8%, 100%
XYZ	85.9264, 94.9163, 102.5347
YIQ	247.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

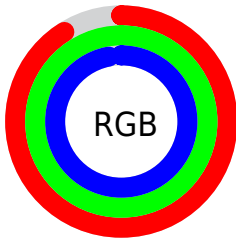
Format	Color
R _Y B	233, 245, 254
Decimal	15335160
CIE Lab	98.00, -7.91, 0.52
CIE LCh	98, 7.930, 176.264
Yxy	94.9163, 0.3032, 0.3349
Android (android.graphics.Color)	4293525240 (0xFFE9FEF8)
YUV	247.0370, 0.4748, -12.3104
Hunter-Lab	97.4250, -13.0611, 5.7978

Details

The CIELCh color **98, 7.930, 176.264** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 8.137, 357.669**, 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, 7.756, 178.655** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.351, 175.232**, and if you desaturate by 10%, it is **100, 0.676, 324.007**.

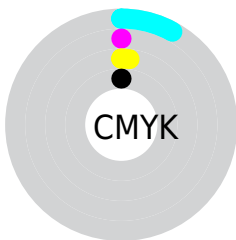
Distribution



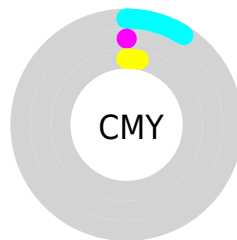
- Red (91%)
- Green (100%)
- Blue (97%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.930, 176.264 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, 7.930, 176.264 by changing the saturation by 10% instead.

 98, 7.930, 176.264

 98, 7.930, 176.264

 100, 7.930,
176.264

 88, 7.930, 176.264

 78, 7.930, 176.264

 68, 7.930, 176.264

 58, 7.930, 176.264

 48, 7.930, 176.264

 38, 7.930, 176.264

 28, 7.930, 176.264

 18, 7.930, 176.264

 8, 7.930, 176.264

98, 7.930, 176.264

98, 7.930, 176.264

96, 17.351,
175.232

100, 0.676,
324.007

95, 26.443,
174.160

93, 35.052,
173.002

92, 43.013,
171.733

91, 50.167,
170.328

90, 56.385,
168.760

90, 61.594,
167.007

89, 65.795,
165.052

■ 89, 69.119,
162.913

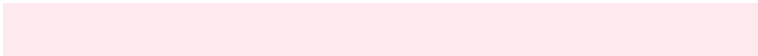
Harmonies

Complementary

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



98, 7.930, 176.264



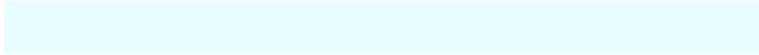
94, 8.137, 357.669

Rectangle

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



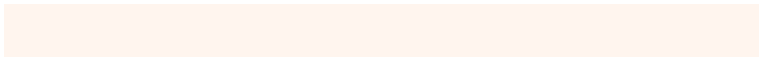
98, 7.930, 176.264



98, 7.930, 226.264



98, 7.930, 356.264



98, 7.930, 46.264

Sweetspot

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



98, 7.932, 176.255



100, 1.928, 177.066



98, 11.938, 135.395



53, 1.096, 177.091



0, 0.000, 0.000



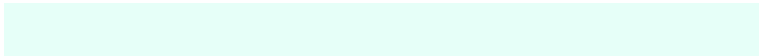
53, 0.007, 296.813

Same Dimension

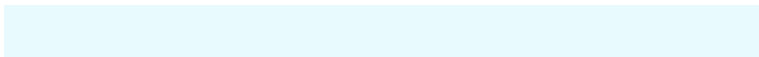
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.932, 176.255



98, 9.610, 176.077



97, 6.101, 219.815



52, 5.466, 176.127



69, 55.934, 162.944



23, 24.626, 165.892

Inverse Universe

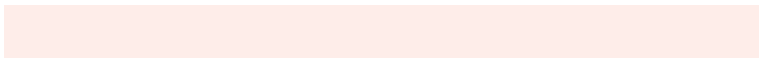
The Inverse Universe completely reimagines the original color for something new.



94, 8.137, 357.669



93, 9.908, 357.859



95, 6.423, 39.217



50, 5.627, 357.804



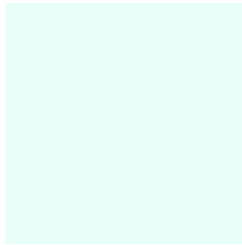
40, 71.188, 22.531



10, 31.522, 13.719

Previews

White Background



This preview shows how the CIELCh color 98, 7.930, 176.264 looks on a white background.

Color Contrast Check

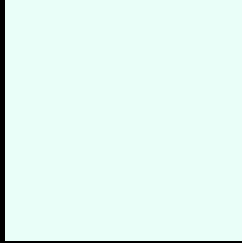
Large Text (above 18pt) WCAG AA × Fail

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, 7.930, 176.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

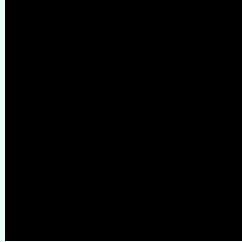
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

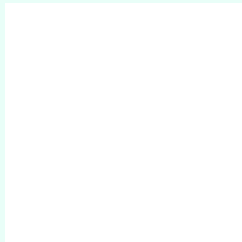
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.930, 176.264

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.930, 176.264.



This preview shows how white text looks on a background with the CIELCh color 98, 7.930, 176.264.

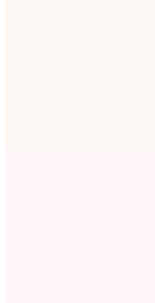
Color Blindness Simulation

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, 7.930, 176.264

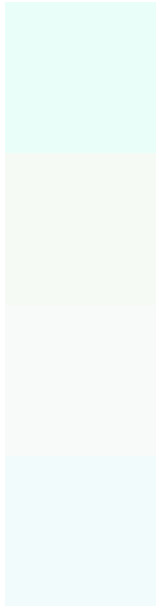


Protanopia
98, 2.925, 63.312

Deuteranopia
98, 3.011, 359.612

Tritanopia
98, 3.225, 271.658

Trichromacy



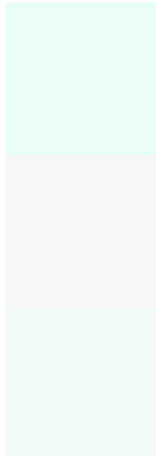
Original Color
98, 7.930, 176.264

Protanomaly
98, 2.916, 138.808

Deuteranomaly
98, 1.167, 174.055

Tritanomaly
98, 3.491, 207.785

Monochromacy



Original Color
98, 7.930, 176.264

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.201, 170.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.930, 176.264 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(233, 254, 248)` looks like.

```
.text, #text, p{  
    color:rgb(233, 254, 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(233, 254, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 254, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.930, 176.264 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(233, 254, 248) }
```

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

```
.border{ border-color:rgb(233, 254, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 254, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 254, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 254, 248);  
box-shadow:4px 4px 4px 4px rgb(233, 254,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.930, 176.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 254, 248) }
```

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

```
.background{ background-color: rgb(233,  
254, 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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