

Converting Colors

CIELCh(98, 7.614, 193.547)

Have a look what the booklet for
CIELCh(98, 7.614, 193.547) contains.

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Color

CIELCh(98, 7.640, 191.314)

Conversions

Conversions Part 1

Format	Color
Hex	E8FEFC
RGB	232, 254, 252
RGB Percent	91%, 100%, 99%
CMY	0.0909, 0.0046, 0.0124
CMYK	0.09, 0.00, 0.01, 0.00
HSL	175°, 90%, 95%
HSV	175°, 9%, 100%
XYZ	86.1514, 94.9163, 105.7301
YIQ	247.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

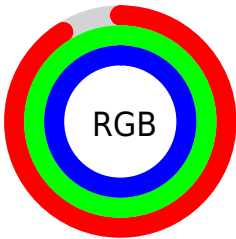
Format	Color
R _Y B	232, 244, 254
Decimal	15269628
CIE Lab	98.00, -7.49, -1.50
CIE LCh	98, 7.640, 191.314
Yxy	94.9163, 0.3004, 0.3310
Android (android.graphics.Color)	4293459708 (0xFFE8FEFC)
YUV	247.1940, 2.3694, -13.3251
Hunter-Lab	97.4250, -12.6489, 3.8532

Details

The CIELCh color **98, 7.640, 191.314** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 8.000, 12.513**, 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, 16.092, 190.491**, and if you desaturate by 10%, it is **100, 0.445, 357.283**.

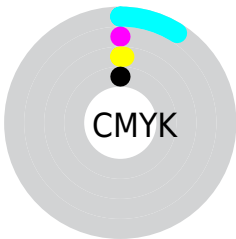
Distribution



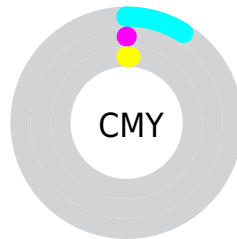
- Red (91%)
- Green (100%)
- Blue (99%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.640, 191.314 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, 7.640, 191.314 by changing the saturation by 10% instead.

 98, 7.640, 191.314

 98, 7.640, 191.314

 100, 7.640,
191.314

 88, 7.640, 191.314

 78, 7.640, 191.314

 68, 7.640, 191.314

 58, 7.640, 191.314

 48, 7.640, 191.314

 38, 7.640, 191.314

 28, 7.640, 191.314

 18, 7.640, 191.314

 8, 7.640, 191.314

98, 7.640, 191.314

98, 7.640, 191.314

96, 16.092,
190.491

100, 0.445,
357.283

95, 24.010,
189.704

100, 0.735,
324.047

94, 31.245,
188.913


93, 37.647,
188.106

92, 43.085,
187.271

91, 47.464,
186.394

91, 50.745,
185.457

90, 52.962,
184.443

 90, 54.274,
183.342

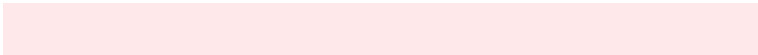
Harmonies

Complementary

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



98, 7.640, 191.314



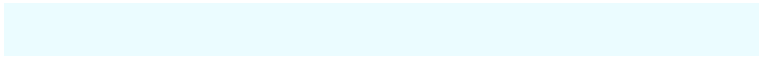
94, 8.000, 12.513

Rectangle

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



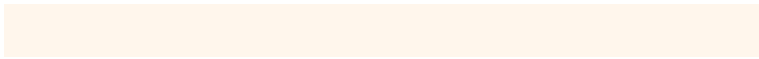
98, 7.640, 191.314



98, 7.640, 241.314



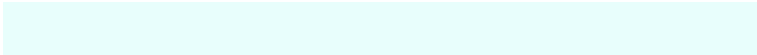
98, 7.640, 11.314



98, 7.640, 61.314

Sweetspot

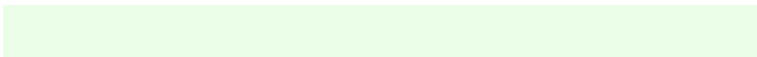
The Sweet Spot groups the original color and five complimentary colors.



98, 7.642, 191.301



99, 2.680, 191.889



98, 13.291, 141.286



53, 2.030, 191.777



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

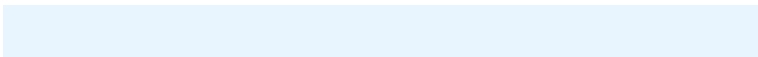
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.642, 191.301



98, 8.825, 191.188



96, 6.319, 244.945



52, 5.023, 191.229



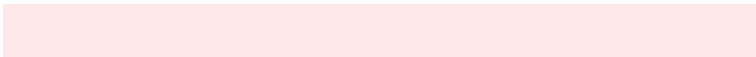
70, 43.909, 183.397



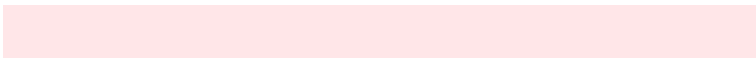
23, 19.962, 184.843

Inverse Universe

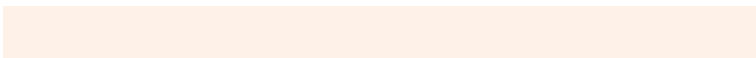
The Inverse Universe completely reimagines the original color for something new.



94, 8.000, 12.513



93, 9.306, 12.645



96, 6.539, 62.927



50, 5.282, 12.596



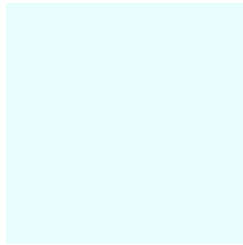
40, 80.396, 36.395



10, 32.663, 23.486

Previews

White Background



This preview shows how the CIELCh color 98, 7.640, 191.314 looks on a white background.

Color Contrast Check

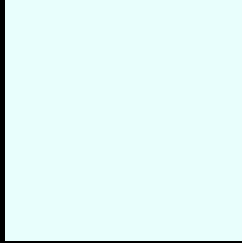
Large Text (above 18pt) WCAG AA × Fail

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, 7.640, 191.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

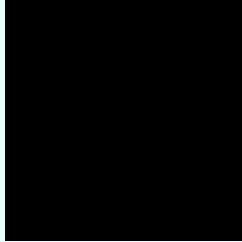
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

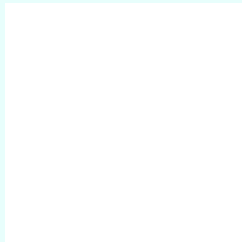
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.640, 191.314

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.640, 191.314.



This preview shows how white text looks on a background with the CIELCh color 98, 7.640, 191.314.

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, 7.640, 191.314



Protanopia

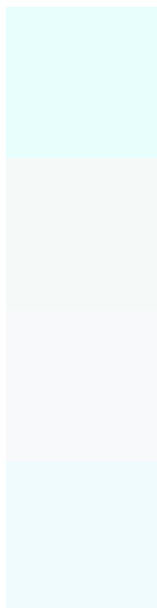
98, 1.762, 19.152

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.064, 256.053

Trichromacy



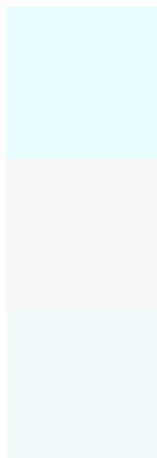
Original Color
98, 7.640, 191.314

Protanomaly
98, 1.822, 183.403

Deuteranomaly
98, 1.235, 255.966

Tritanomaly
98, 4.066, 221.485

Monochromacy



Original Color
98, 7.640, 191.314

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.782, 199.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.640, 191.314 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(232, 254, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 254, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.640, 191.314 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, 252) }
```

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

```
.border{ border-color:rgb(232, 254, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 254, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 254, 252);  
box-shadow:4px 4px 4px 4px rgb(232, 254,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.640, 191.314 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, 252) }
```

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

```
.background{ background-color: rgb(232,  
254, 252) }
```

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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