

Converting Colors

CIELCh(98, 8.736, 190.421)

Have a look what the booklet for
CIELCh(98, 8.736, 190.421) contains.

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Color

CIELCh(98, 8.637, 192.127)

Conversions

Conversions Part 1

Format	Color
Hex	E5FEFC
RGB	229, 254, 252
RGB Percent	90%, 100%, 99%
CMY	0.1004, 0.0023, 0.0102
CMYK	0.10, 0.00, 0.01, 0.00
HSL	175°, 95%, 95%
HSV	175°, 10%, 100%
XYZ	85.6435, 94.9163, 106.2363
YIQ	246.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

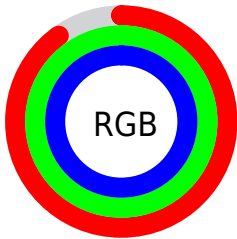
Format	Color
R _{YB}	229, 242, 254
Decimal	15073020
CIE _{Lab}	98.00, -8.44, -1.81
CIE _{LCh}	98, 8.637, 192.127
Y _{xy}	94.9163, 0.2986, 0.3310
Android (android.graphics.Color)	4293263100 (0xFFE5FEFC)
Y _{UV}	246.2970, 2.8116, -15.1695
Hunter-Lab	97.4250, -13.5794, 3.5452

Details

The CIELCh color **98, 8.637, 192.127** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 9.112, 13.502**, 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, 8.665, 191.673** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.014, 191.337**, and if you desaturate by 10%, it is **100, 0.155, 8.594**.

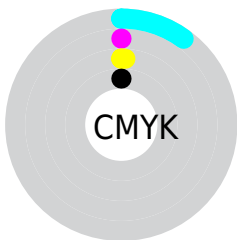
Distribution



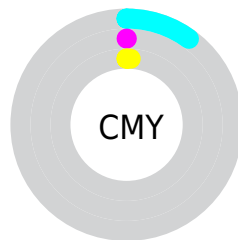
- Red (90%)
- Green (100%)
- Blue (99%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.637, 192.127 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, 8.637, 192.127 by changing the saturation by 10% instead.

 98, 8.637, 192.127

 98, 8.637, 192.127

 100, 8.637,
192.127

 88, 8.637, 192.127

 78, 8.637, 192.127

 68, 8.637, 192.127

 58, 8.637, 192.127

 48, 8.637, 192.127

 38, 8.637, 192.127

 28, 8.637, 192.127

 18, 8.637, 192.127

 8, 8.637, 192.127

98, 8.637, 192.127

98, 8.637, 192.127

96, 17.014,
191.337

100, 0.155, 8.594

95, 24.827,
190.582

100, 0.377,
323.634

94, 31.927,
189.827

93, 38.166,
189.064

92, 43.418,
188.282

91, 47.595,
187.466

91, 50.668,
186.602

91, 52.685,
185.671

■ 90, 53.842,
184.671

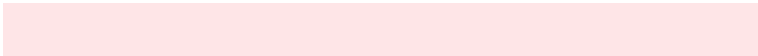
Harmonies

Complementary

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



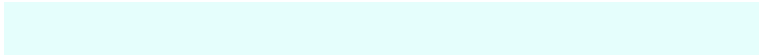
98, 8.637, 192.127



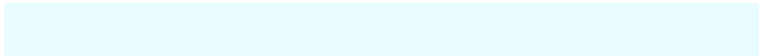
93, 9.112, 13.502

Rectangle

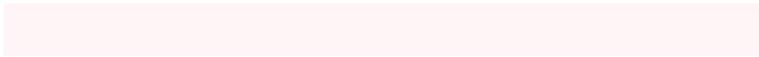
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



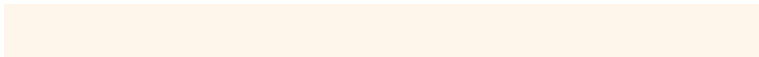
98, 8.637, 192.127



98, 8.637, 242.127



98, 8.637, 12.127



98, 8.637, 62.127

Sweetspot

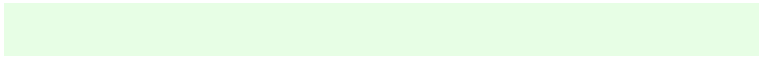
The Sweet Spot groups the original color and five complimentary colors.



98, 8.638, 192.115



99, 2.674, 192.788



98, 15.194, 141.674



53, 2.025, 192.678



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

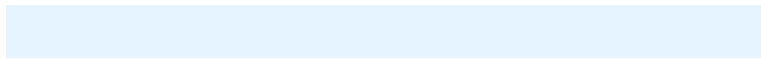
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.638, 192.115



98, 10.515, 191.941



95, 7.225, 247.122



52, 5.009, 192.142



70, 43.393, 184.838



24, 19.762, 186.138

Inverse Universe

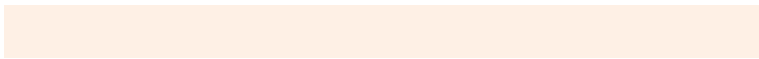
The Inverse Universe completely reimagines the original color for something new.



93, 9.112, 13.502



92, 11.227, 13.714



96, 7.496, 64.777



50, 5.274, 13.471



40, 80.890, 36.901



10, 32.740, 23.936

Previews

White Background



This preview shows how the CIELCh color 98, 8.637, 192.127 looks on a white background.

Color Contrast Check

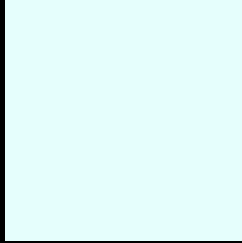
Large Text (above 18pt) WCAG AA × Fail

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, 8.637, 192.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

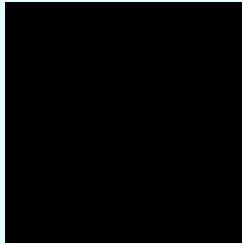
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

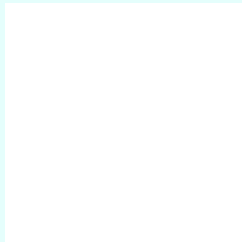
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.637, 192.127

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.637, 192.127.



This preview shows how white text looks on a background with the CIELCh color 98, 8.637, 192.127.

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, 8.637, 192.127

Protanopia

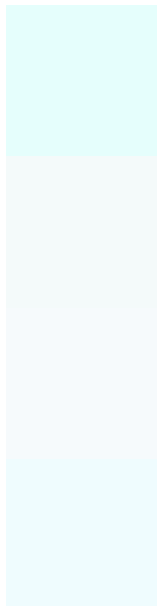
98, 1.840, 3.099

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.064, 256.053

Trichromacy



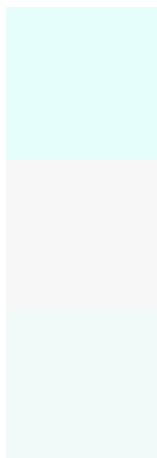
Original Color
98, 8.637, 192.127

Protanomaly
98, 2.089, 199.583

Deuteranomaly
98, 1.717, 236.229

Tritanomaly
98, 4.575, 212.173

Monochromacy



Original Color
98, 8.637, 192.127

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.178, 190.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.637, 192.127 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(229, 254, 252)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 254, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 254, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.637, 192.127 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(229, 254, 252) }
```

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

```
.border{ border-color:rgb(229, 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(229, 254, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 254, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 254, 252);  
box-shadow:4px 4px 4px 4px rgb(229, 254,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.637, 192.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 254, 252) }
```

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

```
.background{ background-color: rgb(229,  
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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