

Converting Colors

CIE LCh(98, 6.940, 212.101)

Have a look what the booklet for
CIELCh(98, 6.940, 212.101) contains.

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Color

CIELCh(98, 6.892, 207.608)

Conversions

Conversions Part 1

Format	Color
Hex	E9FDFF
RGB	233, 253, 255
RGB Percent	91%, 99%, 100%
CMY	0.0857, 0.0073, 0.0000
CMYK	0.09, 0.01, 0.00, 0.00
HSL	185°, 100%, 96%
HSV	185°, 9%, 100%
XYZ	86.8929, 94.9163, 108.4681
YIQ	247.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

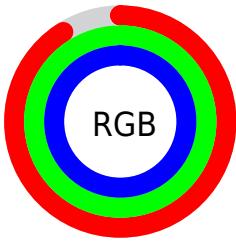
Format	Color
R_{YB}	233, 243, 255
Decimal	15334911
CIE _{Lab}	98.00, -6.11, -3.19
CIE _{LCh}	98, 6.892, 207.608
Yxy	94.9163, 0.2993, 0.3270
Android (android.graphics.Color)	4293524991 (0xFFE9FDFF)
YUV	247.2480, 3.8217, -12.4955
Hunter-Lab	97.4250, -11.2904, 2.1870

Details

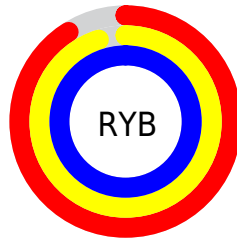
The CIELCh color **98, 6.892, 207.608** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.281, 27.281**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 6.841, 208.010** is the 20% darker color. If you saturate the color by 10%, you get **96, 14.489, 206.766**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

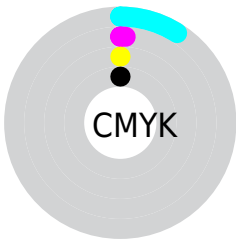
Distribution



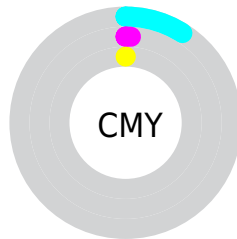
- Red (91%)
- Green (99%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.892, 207.608 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, 6.892, 207.608 by changing the saturation by 10% instead.

 98, 6.892, 207.608

 98, 6.892, 207.608

 100, 6.892,
207.608

 88, 6.892, 207.608

 78, 6.892, 207.608

 68, 6.892, 207.608

 58, 6.892, 207.608

 48, 6.892, 207.608

 38, 6.892, 207.608

 28, 6.892, 207.608

 18, 6.892, 207.608

 8, 6.892, 207.608

98, 6.892, 207.608

98, 6.892, 207.608

96, 14.489,
206.766

100, 0.012,
296.813

94, 21.508,
206.684

92, 27.805,
206.732


90, 33.247,
206.935

89, 37.716,
207.319

88, 41.126,
207.918

87, 43.448,
208.764

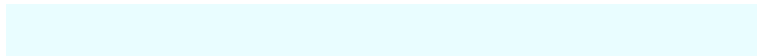
86, 44.723,
209.888

 85, 45.110,
211.295

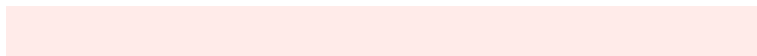
Harmonies

Complementary

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



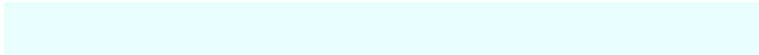
98, 6.892, 207.608



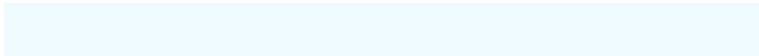
95, 7.281, 27.281

Rectangle

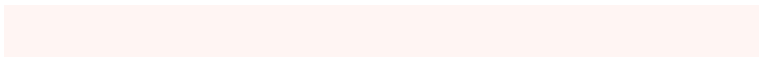
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 6.892, 207.608



98, 6.892, 257.608



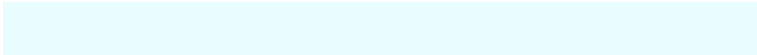
98, 6.892, 27.608



98, 6.892, 77.608

Sweetspot

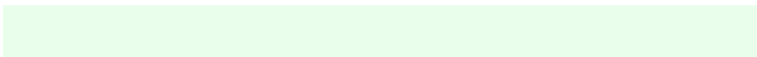
The Sweet Spot groups the original color and five complimentary colors.



98, 6.886, 206.983



99, 2.443, 207.287



98, 12.865, 146.276



53, 1.849, 207.210



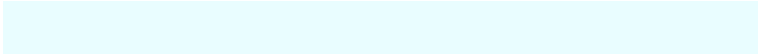
0, 0.000, 0.000



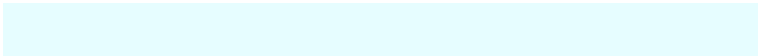
53, 0.007, 296.813

Same Dimension

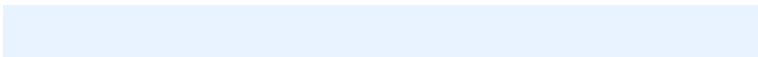
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 6.886, 206.983



98, 8.003, 206.941



95, 7.195, 265.072



52, 4.556, 206.955



65, 36.402, 211.219



22, 16.910, 209.252

Inverse Universe

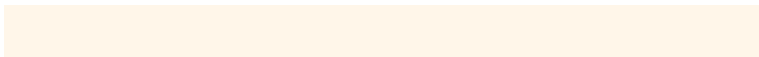
The Inverse Universe completely reimagines the original color for something new.



95, 12.878, 327.284



94, 15.037, 327.371



97, 7.258, 82.730



50, 8.547, 327.341



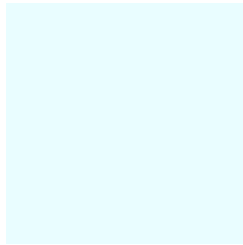
45, 87.079, 331.933



12, 40.383, 331.451

Previews

White Background



This preview shows how the CIELCh color 98, 6.892, 207.608 looks on a white background.

Color Contrast Check

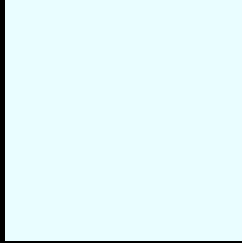
Large Text (above 18pt) WCAG AA × Fail

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, 6.892, 207.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

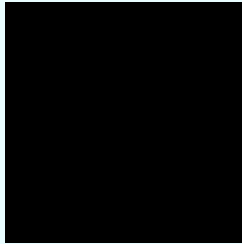
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 6.892, 207.608

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.892, 207.608.

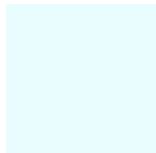


This preview shows how white text looks on a background with the CIELCh color 98, 6.892, 207.608.

Color Blindness Simulation

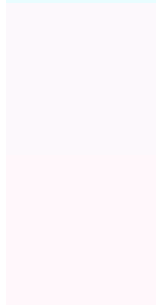
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 6.892, 207.608



Protanopia

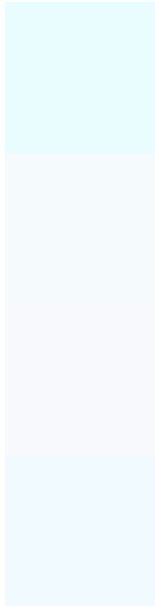
98, 2.498, 324.407

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.225, 271.658

Trichromacy



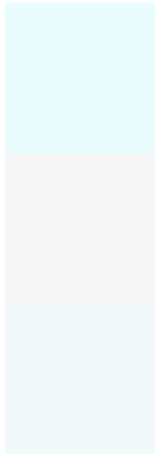
Original Color
98, 6.892, 207.608

Protanomaly
98, 2.300, 241.396

Deuteranomaly
98, 1.681, 265.875

Tritanomaly
98, 3.975, 230.305

Monochromacy



Original Color
98, 6.892, 207.608

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.480, 211.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 6.892, 207.608 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, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 253, 255)  
}
```

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, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 253, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.892, 207.608 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, 253, 255) }
```

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

```
.border{ border-color:rgb(233, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 253,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.892, 207.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 253, 255) }
```

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

```
.background{ background-color: rgb(233,  
253, 255) }
```

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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