

Converting Colors

CIELCh(98, 9.909, 245.187)

Have a look what the booklet for
CIELCh(98, 9.909, 245.187) contains.

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Color

CIELCh(98, 7.295, 211.206)

Conversions

Conversions Part 1

Format	Color
Hex	E8FDFF
RGB	232, 253, 255
RGB Percent	91%, 99%, 100%
CMY	0.0892, 0.0068, 0.0000
CMYK	0.09, 0.01, 0.00, 0.00
HSL	185°, 100%, 96%
HSV	185°, 9%, 100%
XYZ	86.8219, 94.9163, 109.4251
YIQ	246.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

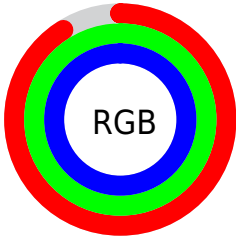
Format	Color
R _Y B	232, 243, 255
Decimal	15269375
CIE Lab	98.00, -6.24, -3.78
CIE LCh	98, 7.295, 211.206
Yxy	94.9163, 0.2982, 0.3260
Android (android.graphics.Color)	4293459455 (0xFFE8FDFF)
YUV	246.9490, 3.9691, -13.1103
Hunter-Lab	97.4250, -11.4205, 1.6045

Details

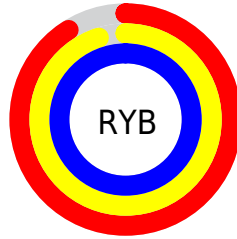
The CIELCh color **98, 7.295, 211.206** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.649, 26.480**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.183, 207.548** is the 20% darker color. If you saturate the color by 10%, you get **96, 14.862, 205.839**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

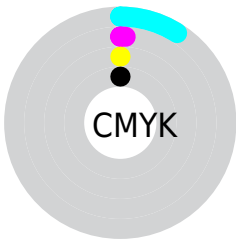
Distribution



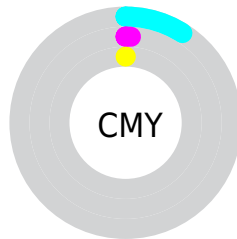
- Red (91%)
- Green (99%)
- Blue (100%)



- 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, 7.295, 211.206 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, 7.295, 211.206 by changing the saturation by 10% instead.

 98, 7.295, 211.206

 98, 7.295, 211.206

 100, 7.295,
211.206

 88, 7.295, 211.206

 78, 7.295, 211.206

 68, 7.295, 211.206

 58, 7.295, 211.206

 48, 7.295, 211.206

 38, 7.295, 211.206

 28, 7.295, 211.206

 18, 7.295, 211.206

 8, 7.295, 211.206

98, 7.295, 211.206

98, 7.295, 211.206

96, 14.862,
205.839

100, 0.012,
296.813

94, 21.913,
205.715

92, 28.232,
205.714

91, 33.684,
205.857

89, 38.152,
206.170

88, 41.553,
206.680

87, 43.859,
207.417

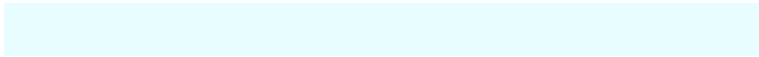
86, 45.115,
208.404

■ 86, 45.492,
209.644

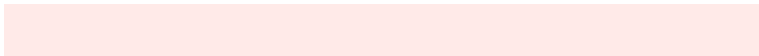
Harmonies

Complementary

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



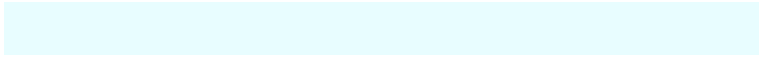
98, 7.295, 211.206



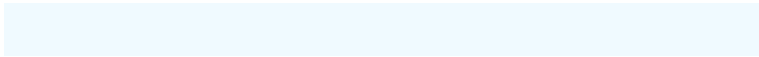
94, 7.649, 26.480

Rectangle

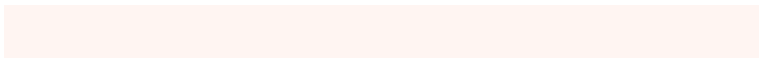
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 7.295, 211.206



98, 7.295, 261.206



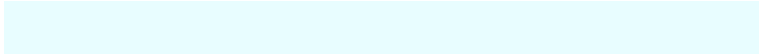
98, 7.295, 31.206



98, 7.295, 81.206

Sweetspot

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



98, 7.217, 206.090



99, 2.462, 206.425



98, 13.552, 145.768



53, 1.863, 206.346



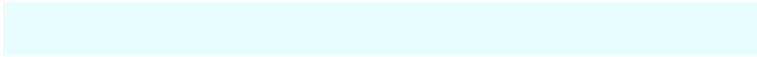
0, 0.000, 0.000



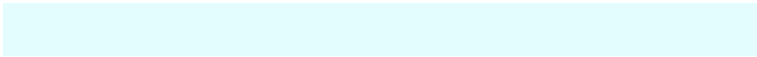
53, 0.007, 296.813

Same Dimension

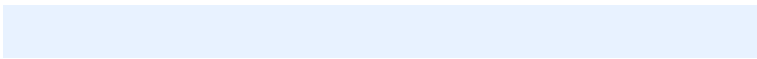
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.217, 206.090



98, 8.848, 206.024



95, 7.369, 263.528



52, 4.592, 206.071



66, 36.704, 209.531



22, 17.044, 207.800

Inverse Universe

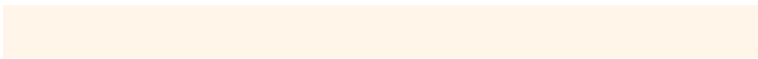
The Inverse Universe completely reimagines the original color for something new.



94, 13.489, 327.046



93, 16.650, 327.170



97, 7.454, 81.090



50, 8.598, 327.081



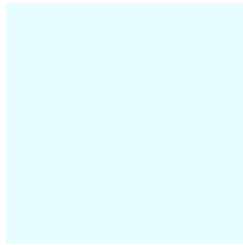
45, 87.679, 331.519



12, 40.628, 331.094

Previews

White Background



This preview shows how the CIELCh color 98, 7.295, 211.206 looks on a white background.

Color Contrast Check

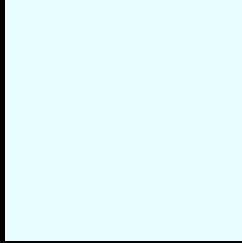
Large Text (above 18pt) WCAG AA × Fail

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, 7.295, 211.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

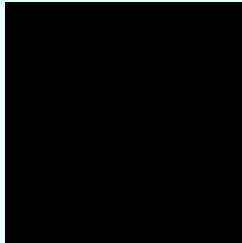
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 7.295, 211.206

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.295, 211.206.

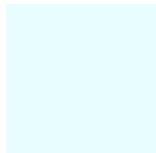


This preview shows how white text looks on a background with the CIELCh color 98, 7.295, 211.206.

Color Blindness Simulation

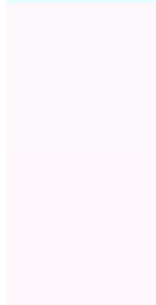
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 7.223, 207.191



Protanopia

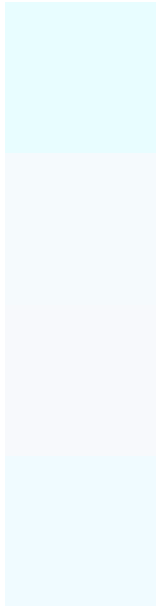
98, 2.498, 324.407

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.347, 266.028

Trichromacy



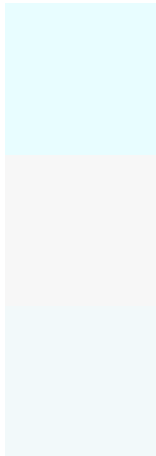
Original Color
98, 7.223, 207.191

Protanomaly
98, 2.300, 241.396

Deuteranomaly
98, 1.681, 265.875

Tritanomaly
98, 4.270, 227.932

Monochromacy



Original Color
98, 7.223, 207.191

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, 7.295, 211.206 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, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 253, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.295, 211.206 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, 253, 255) }
```

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

```
.border{ border-color:rgb(232, 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(232, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 253,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.295, 211.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 253, 255) }
```

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

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