

Converting Colors

CIE LCh(98, 8.919, 202.528)

Have a look what the booklet for
CIELCh(98, 8.919, 202.528) contains.

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Color

CIELCh(98, 8.847, 202.241)

Conversions

Conversions Part 1

Format	Color
Hex	E4FEFF
RGB	228, 254, 255
RGB Percent	89%, 100%, 100%
CMY	0.1044, 0.0024, 0.0000
CMYK	0.10, 0.00, 0.00, 0.00
HSL	181°, 100%, 95%
HSV	181°, 10%, 100%
XYZ	85.7795, 94.9163, 108.7203
YIQ	246.3400, -15.8170, -5.2010

Conversions

Conversions Part 2

Format	Color
R _Y B	228, 241, 255
Decimal	15007487
CIE Lab	98.00, -8.19, -3.35
CIE LCh	98, 8.847, 202.241
Yxy	94.9163, 0.2964, 0.3280
Android (android.graphics.Color)	4293197567 (0xFFE4FEFF)
YUV	246.3400, 4.2694, -16.0842
Hunter-Lab	97.4250, -13.3302, 2.0335

Details

The CIELCh color **98, 8.847, 202.241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 9.466, 21.933**, 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, 8.864, 202.272** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.811, 200.538**, and if you desaturate by 10%, it is **100, 0.385, 203.111**.

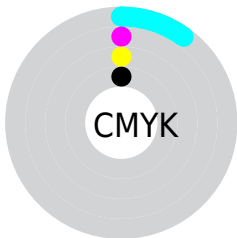
Distribution



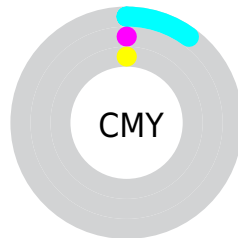
- Red (89%)
- Green (100%)
- Blue (100%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.847, 202.241 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, 8.847, 202.241 by changing the saturation by 10% instead.

 98, 8.847, 202.241

 98, 8.847, 202.241

 100, 8.847,
202.241

 88, 8.847, 202.241

 78, 8.847, 202.241

 68, 8.847, 202.241

 58, 8.847, 202.241

 48, 8.847, 202.241

 38, 8.847, 202.241

 28, 8.847, 202.241

 18, 8.847, 202.241

 8, 8.847, 202.241

98, 8.847, 202.241

98, 8.847, 202.241

96, 16.811,
200.538

100, 0.385,
203.111

95, 24.130,
200.170

100, 0.012,
296.813

93, 30.662,
199.882

92, 36.273,
199.680

91, 40.851,
199.575

91, 44.325,
199.573

90, 46.686,
199.680

90, 47.997,
199.898

■ 89, 48.469,
200.196

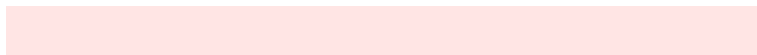
Harmonies

Complementary

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



98, 8.847, 202.241



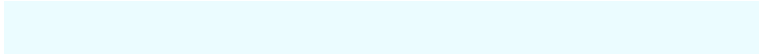
93, 9.466, 21.933

Rectangle

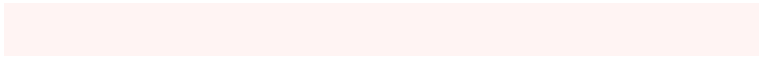
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



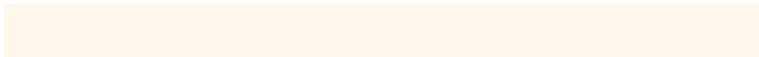
98, 8.847, 202.241



98, 8.847, 252.241



98, 8.847, 22.241



98, 8.847, 72.241

Sweetspot

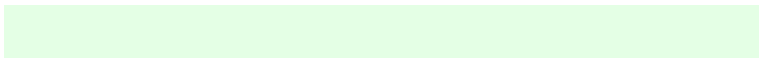
The Sweet Spot groups the original color and five complimentary colors.



98, 8.849, 200.991



99, 2.588, 201.517



98, 16.437, 144.276



53, 1.959, 201.425



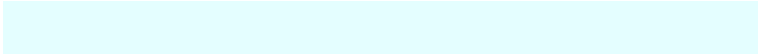
0, 0.000, 0.000



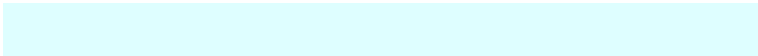
53, 0.007, 296.813

Same Dimension

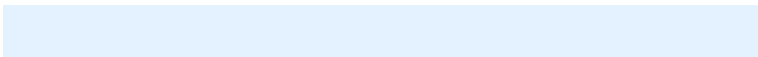
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.849, 200.991



98, 10.937, 200.865



95, 8.239, 258.654



52, 4.829, 201.040



69, 39.060, 200.128



23, 18.038, 199.664

Inverse Universe

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



94, 16.385, 325.635



92, 20.420, 325.782



96, 8.425, 75.850



50, 8.914, 325.580



45, 91.387, 329.187



12, 42.135, 329.070

Previews

White Background



This preview shows how the CIELCh color 98, 8.847, 202.241 looks on a white background.

Color Contrast Check

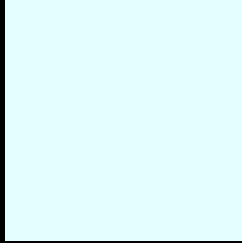
Large Text (above 18pt) WCAG AA × Fail

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, 8.847, 202.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

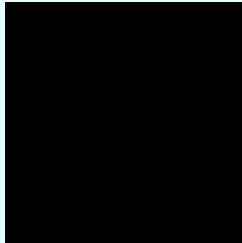
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 8.847, 202.241

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.847, 202.241.



This preview shows how white text looks on a background with the CIELCh color 98, 8.847, 202.241.

Color Blindness Simulation

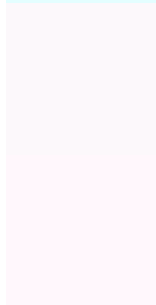
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 8.847, 202.241



Protanopia

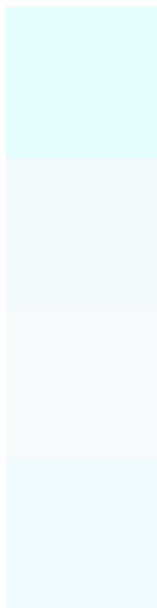
98, 2.096, 332.260

Deuteranopia

98, 3.820, 337.601

Tritanopia
98, 3.064, 256.053

Trichromacy



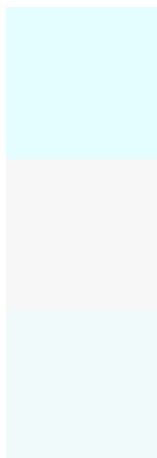
Original Color
98, 8.847, 202.241

Protanomaly
98, 2.621, 222.452

Deuteranomaly
98, 2.300, 241.396

Tritanomaly
98, 4.699, 218.306

Monochromacy



Original Color
98, 8.847, 202.241

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.469, 199.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.847, 202.241 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(228, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 254, 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(228, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 254, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.847, 202.241 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(228, 254, 255) }
```

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

```
.border{ border-color:rgb(228, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 254,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.847, 202.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 254, 255) }
```

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

```
.background{ background-color: rgb(228,  
254, 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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