

Converting Colors

CIELCh(98, 8.556, 198.942)

Have a look what the booklet for
CIELCh(98, 8.556, 198.942) contains.

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Color

CIELCh(98, 8.527, 198.942)

Conversions

Conversions Part 1

Format	Color
Hex	E5FEFE
RGB	229, 254, 254
RGB Percent	90%, 100%, 100%
CMY	0.1010, 0.0029, 0.0029
CMYK	0.10, 0.00, 0.00, 0.00
HSL	180°, 94%, 95%
HSV	180°, 10%, 100%
XYZ	85.8453, 94.9163, 107.7756
YIQ	246.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

Format	Color
R _{YB}	229, 242, 254
Decimal	15073022
CIE Lab	98.00, -8.07, -2.77
CIE LCh	98, 8.527, 198.942
Yxy	94.9163, 0.2975, 0.3290
Android (android.graphics.Color)	4293263102 (0xFFE5FEFE)
YUV	246.5250, 3.6852, -15.3694
Hunter-Lab	97.4250, -13.2097, 2.6084

Details

The CIELCh color **98, 8.527, 198.942** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 9.080, 19.957**, 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, 8.537, 198.815** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.704, 198.380**, and if you desaturate by 10%, it is **100, 0.148, 14.918**.

Distribution



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



- Red (90%)
- 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, 8.527, 198.942 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, 8.527, 198.942 by changing the saturation by 10% instead.

 98, 8.527, 198.942

 98, 8.527, 198.942

 100, 8.527,
198.942

 88, 8.527, 198.942

 78, 8.527, 198.942

 68, 8.527, 198.942

 58, 8.527, 198.942

 48, 8.527, 198.942

 38, 8.527, 198.942

 28, 8.527, 198.942

 18, 8.527, 198.942

 8, 8.527, 198.942

98, 8.527, 198.942

98, 8.527, 198.942

96, 16.704,
198.380

100, 0.148, 14.918

100, 0.260, 16.424

95, 24.237,
197.905

100, 0.260, 15.975

94, 30.981,
197.491

100, 0.261, 15.527

100, 0.261, 15.079

93, 36.799,
197.141

100, 0.261, 14.632

92, 41.582,
196.857

100, 0.261, 14.186


92, 45.259,
196.641

100, 0.261, 13.740

100, 0.262, 13.295

91, 47.823,
196.491

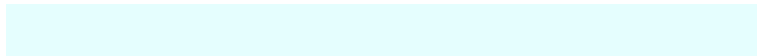
91, 49.335,
196.402

 91, 50.002,
196.362

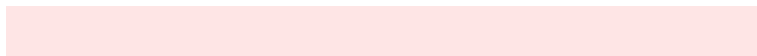
Harmonies

Complementary

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



98, 8.527, 198.942



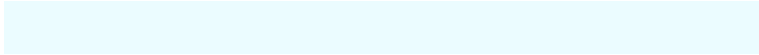
93, 9.080, 19.957

Rectangle

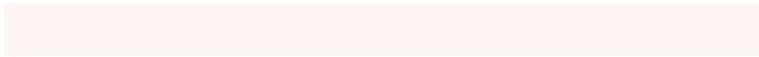
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



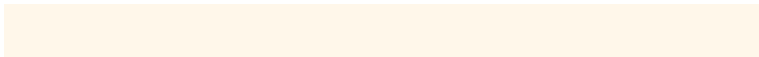
98, 8.527, 198.942



98, 8.527, 248.942



98, 8.527, 18.942



98, 8.527, 68.942

Sweetspot

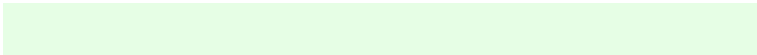
The Sweet Spot groups the original color and five complimentary colors.



98, 8.528, 198.929



99, 2.650, 199.474



97, 15.527, 143.445



53, 2.005, 199.377



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

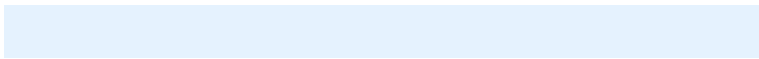
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.528, 198.929



98, 10.369, 198.801



95, 7.537, 254.929



52, 4.945, 198.949



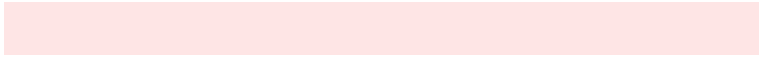
70, 40.369, 196.362



24, 18.572, 196.365

Inverse Universe

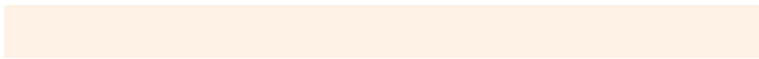
The Inverse Universe completely reimagines the original color for something new.



93, 9.080, 19.957



92, 11.200, 20.132



96, 7.736, 72.347



49, 5.254, 19.931



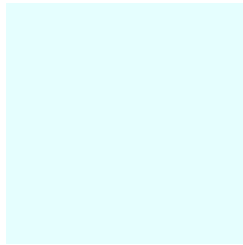
40, 84.222, 39.994



10, 33.366, 27.170

Previews

White Background



This preview shows how the CIELCh color 98, 8.527, 198.942 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, 8.527, 198.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

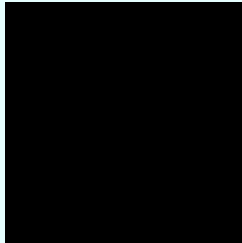
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

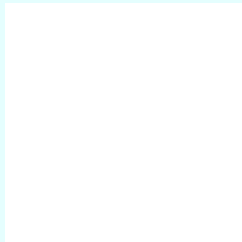
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.527, 198.942

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.527, 198.942.

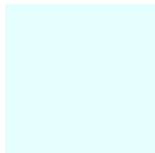


This preview shows how white text looks on a background with the CIELCh color 98, 8.527, 198.942.

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, 8.527, 198.942



Protanopia

98, 2.047, 349.333

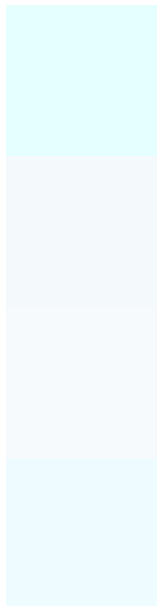
Deuteranopia

98, 3.497, 343.770



Tritanopia
98, 3.064, 256.053

Trichromacy



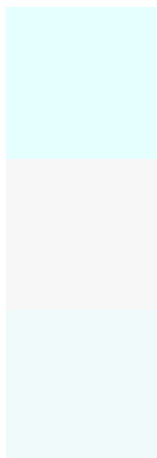
Original Color
98, 8.527, 198.942

Protanomaly
98, 2.308, 225.838

Deuteranomaly
98, 1.717, 236.229

Tritanomaly
98, 4.699, 218.306

Monochromacy



Original Color
98, 8.527, 198.942

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.125, 199.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.527, 198.942 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 254, 254)  
}
```

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, 254) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 98, 8.527, 198.942 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, 254) }
```

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

```
.border{ border-color:rgb(229, 254, 254) }
```

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, 254)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 98, 8.527, 198.942 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, 254) }
```

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

```
.background{ background-color: rgb(229,  
254, 254) }
```

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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