

Converting Colors

CIELCh(97, 13.794, 198.585)

Have a look what the booklet for
CIELCh(97, 13.794, 198.585)
contains.

CIELCh(97, 13.739, 198.586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(97, 13.739, 198.586)

Conversions

Conversions Part 1

Format	Color
Hex	D5FEFE
RGB	213, 254, 254
RGB Percent	84%, 100%, 100%
CMY	0.1635, 0.0027, 0.0027
CMYK	0.16, 0.00, 0.00, 0.00
HSL	180°, 97%, 92%
HSV	180°, 16%, 100%
XYZ	81.0012, 92.4403, 107.5923
YIQ	241.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

Format	Color
R _Y B	213, 234, 254
Decimal	14024446
CIE Lab	97.00, -13.02, -4.38
CIE LCh	97, 13.739, 198.586
Yxy	92.4403, 0.2882, 0.3289
Android (android.graphics.Color)	4292214526 (0xFFD5FEFE)
YUV	241.7410, 6.0437, -25.2059
Hunter-Lab	96.1459, -17.8723, 0.9535

Details

The CIELCh color **97, 13.739, 198.586** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.267, 20.487**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 13.566, 198.411** is the 20% darker color. If you saturate the color by 10%, you get **96, 21.529, 198.080**, and if you desaturate by 10%, it is **99, 5.362, 199.180**.

Distribution



- Red (84%)
- Green (100%)
- Blue (100%)



- Red (84%)
- Yellow (92%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 13.739, 198.586 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 97, 13.739, 198.586 by changing the saturation by 10% instead.

■ 97, 13.739,
198.586

■ 97, 13.739,
198.586

■ 100, 13.739,
198.586

■ 87, 13.739,
198.586

■ 77, 13.739,
198.586

■ 67, 13.739,
198.586

■ 57, 13.739,
198.586

■ 47, 13.739,
198.586

■ 37, 13.739,
198.586

■ 27, 13.739,

198.586

■ 17, 13.739,
198.586

■ 7, 13.739, 198.586

■ 97, 13.739,
198.586

■ 97, 13.739,
198.586

■ 96, 21.529,
198.080

■ 99, 5.362, 199.180

100, 0.244, 16.594

■ 94, 28.584,
197.643

100, 0.244, 16.297

■ 93, 34.761,
197.269

100, 0.244, 16.000

■ 92, 39.939,
196.961

100, 0.244, 15.704

100, 0.244, 15.408

■ 92, 44.031,
196.720

100, 0.244, 15.112

100, 0.245, 14.816

■ 91, 47.005,
196.547

100, 0.245, 14.521

■ 91, 48.895,
196.437

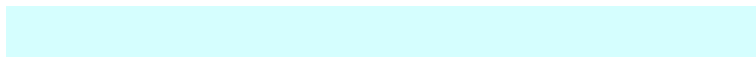
■ 91, 49.818,
196.383

■ 91, 50.015,
196.371

Harmonies

Complementary

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



97, 13.739, 198.586



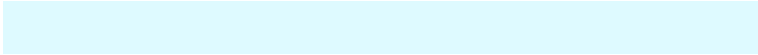
89, 15.267, 20.487

Rectangle

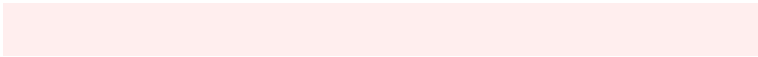
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 13.739, 198.586



97, 13.739, 248.586



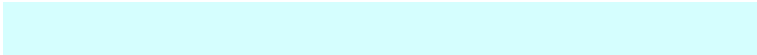
97, 13.739, 18.586



97, 13.739, 68.586

Sweetspot

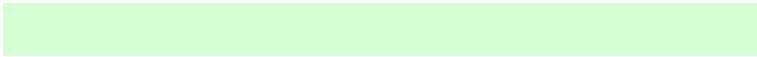
The Sweet Spot groups the original color and five complimentary colors.



97, 13.740, 198.578



99, 4.397, 199.269



96, 25.545, 143.018



53, 2.995, 199.212



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

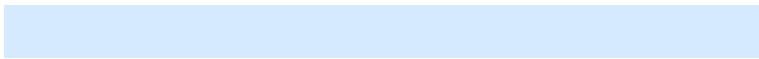
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 13.740, 198.578



97, 16.080, 198.428



92, 12.306, 255.846



52, 4.945, 198.954



70, 40.368, 196.371



24, 18.571, 196.373

Inverse Universe

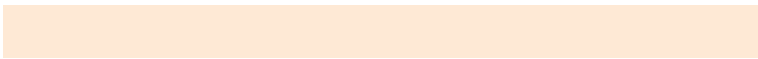
The Inverse Universe completely reimagines the original color for something new.



89, 15.267, 20.487



87, 18.234, 20.749



94, 12.888, 71.601



49, 5.254, 19.935



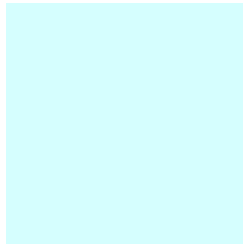
40, 84.225, 39.996



10, 33.367, 27.172

Previews

White Background



This preview shows how the CIE LCh color 97, 13.739, 198.586 looks on a white background.

Color Contrast Check

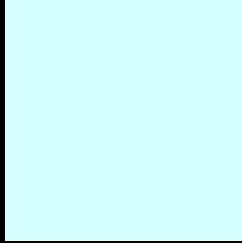
Large Text (above 18pt) WCAG AA × Fail

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 97, 13.739, 198.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

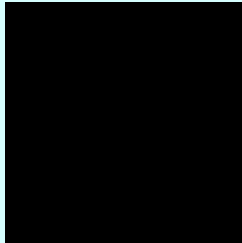
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 13.739, 198.586

Background



This preview shows how black text looks on a background with the CIELCh color 97, 13.739, 198.586.

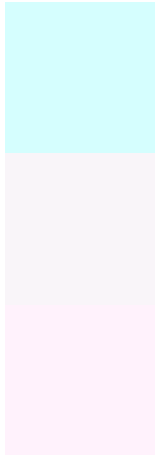


This preview shows how white text looks on a background with the CIELCh color 97, 13.739, 198.586.

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
97, 13.739, 198.586

Protanopia
97, 2.503, 324.409

Deuteranopia
97, 6.894, 331.898

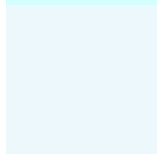


Tritanopia
97, 5.403, 240.891

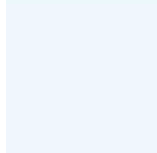
Trichromacy



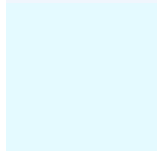
Original Color
97, 13.739, 198.586



Protanomaly
97, 4.392, 219.781



Deuteranomaly
97, 4.112, 260.229

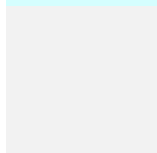


Tritanomaly
97, 7.853, 218.094

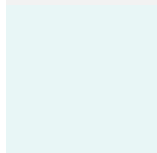
Monochromacy



Original Color
97, 13.739, 198.586



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 4.854, 199.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 13.739, 198.586 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(213, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 254, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 13.739, 198.586 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(213, 254, 254) }
```

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

```
.border{ border-color:rgb(213, 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(213, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 254,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 13.739, 198.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 254, 254) }
```

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

```
.background{ background-color: rgb(213,  
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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