

Converting Colors

CIELCh(100, 18.920, 178.767)

Have a look what the booklet for
CIELCh(100, 18.920, 178.767)
contains.

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Color

CIELCh(97, 14.097, 196.474)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFFE
RGB	213, 255, 254
RGB Percent	84%, 100%, 100%
CMY	0.1664, 0.0017, 0.0057
CMYK	0.16, 0.00, 0.00, 0.00
HSL	179°, 98%, 92%
HSV	179°, 16%, 100%
XYZ	80.7473, 92.4403, 106.9755
YIQ	242.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

Format	Color
R_{YB}	213, 234, 255
Decimal	14024702
CIE _{Lab}	97.00, -13.52, -4.00
CIE _{LCh}	97, 14.097, 196.474
Yxy	92.4403, 0.2882, 0.3300
Android (android.graphics.Color)	4292214782 (0xFFD5FFFE)
YUV	242.3280, 5.7543, -25.7207
Hunter-Lab	96.1459, -18.3437, 1.3338

Details

The CIELCh color **97, 14.097, 196.474** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.631, 18.635**, 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, 13.941, 196.163** is the 20% darker color. If you saturate the color by 10%, you get **96, 21.930, 195.884**, and if you desaturate by 10%, it is **99, 5.695, 197.132**.

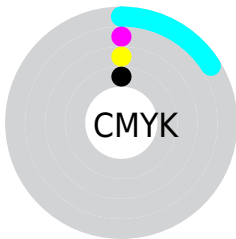
Distribution



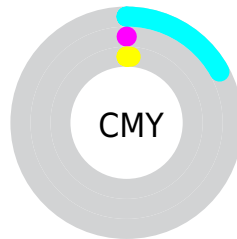
- Red (84%)
- Green (100%)
- Blue (100%)



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



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



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 14.097, 196.474 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, 14.097, 196.474 by changing the saturation by 10% instead.

 97, 14.097,
196.474

 97, 14.097,
196.474


 100, 14.097,
196.474


 87, 14.097,
196.474


 77, 14.097,
196.474

 67, 14.097,
196.474

 57, 14.097,
196.474

 47, 14.097,
196.474

 37, 14.097,
196.474

 27, 14.097,

196.474

■ 17, 14.097,
196.474

■ 7, 14.097, 196.474

■ 97, 14.097,
196.474

■ 97, 14.097,
196.474

■ 96, 21.930,
195.884

■ 99, 5.695, 197.132

■ 94, 29.043,
195.344

100, 0.199,
342.362

■ 93, 35.292,
194.845

100, 0.286,
323.371

■ 92, 40.552,
194.386

■ 92, 44.732,
193.963

■ 91, 47.795,
193.571

■ 91, 49.771,
193.201

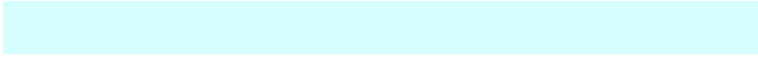
■ 91, 50.778,
192.842

■ 91, 50.996,
192.717

Harmonies

Complementary

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



97, 14.097, 196.474



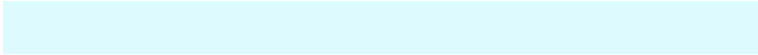
89, 15.631, 18.635

Rectangle

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



97, 14.097, 196.474



97, 14.097, 246.474



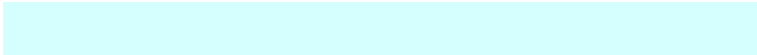
97, 14.097, 16.474



97, 14.097, 66.474

Sweetspot

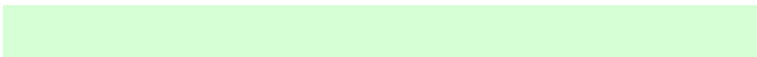
The Sweet Spot groups the original color and five complimentary colors.



97, 14.098, 196.467



99, 4.404, 197.258



96, 26.012, 142.567



53, 3.000, 197.197



0, 0.000, 0.000



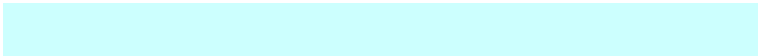
53, 0.007, 296.813

Same Dimension

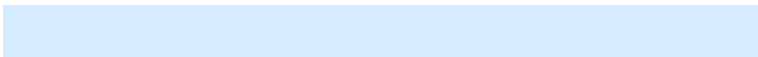
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 14.098, 196.467



97, 16.939, 196.257



92, 12.430, 253.997



52, 4.957, 196.914



70, 41.115, 192.778



24, 18.870, 193.205

Inverse Universe

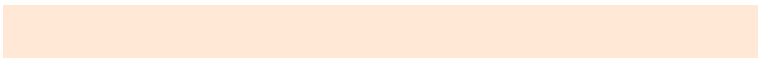
The Inverse Universe completely reimagines the original color for something new.



89, 15.631, 18.635



86, 19.232, 18.979



93, 13.095, 69.733



49, 5.253, 18.011



40, 83.166, 39.069



10, 33.170, 26.224

Previews

White Background



This preview shows how the CIE LCh color 97, 14.097, 196.474 looks on a white background.

Color Contrast Check

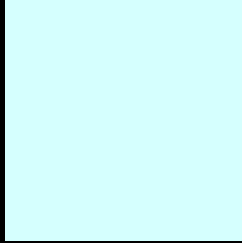
Large Text (above 18pt) WCAG AA × Fail

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, 14.097, 196.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

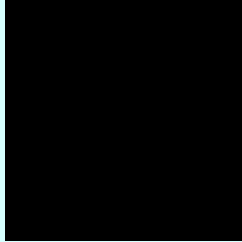
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 14.097, 196.474

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.097, 196.474.

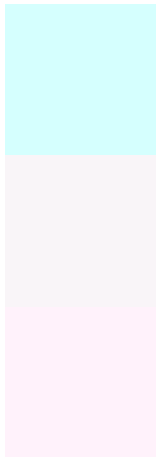


This preview shows how white text looks on a background with the CIELCh color 97, 14.097, 196.474.

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

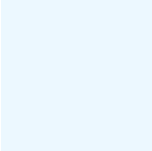
97, 14.097, 196.474

Protanopia

97, 2.101, 332.263

Deuteranopia

97, 6.523, 334.886

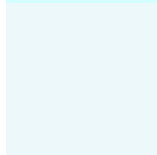


Tritanopia
97, 5.403, 240.891

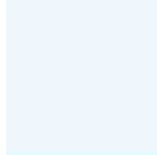
Trichromacy



Original Color
97, 14.097, 196.474



Protanomaly
97, 4.256, 213.225



Deuteranomaly
97, 3.496, 246.575

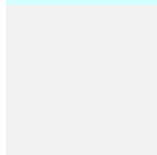


Tritanomaly
97, 8.046, 213.780

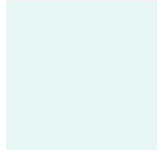
Monochromacy



Original Color
97, 14.097, 196.474



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 5.574, 193.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.097, 196.474 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, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 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, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.097, 196.474 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, 255, 254) }
```

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

```
.border{ border-color:rgb(213, 255, 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, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.097, 196.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 254) }
```

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

```
.background{ background-color: rgb(213,  
255, 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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