

Converting Colors

CIELCh(100, 19.761, 179.270)

Have a look what the booklet for
CIELCh(100, 19.761, 179.270)
contains.

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Color

CIElCh(97, 14.732, 196.522)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFFE
RGB	211, 255, 254
RGB Percent	83%, 100%, 100%
CMY	0.1729, 0.0004, 0.0043
CMYK	0.17, 0.00, 0.00, 0.00
HSL	179°, 100%, 91%
HSV	179°, 17%, 100%
XYZ	80.4379, 92.4403, 107.2856
YIQ	241.7300, -25.9030, -9.6390

Conversions

Conversions Part 2

Format	Color
R _Y B	211, 233, 255
Decimal	13893630
CIE Lab	97.00, -14.12, -4.19
CIE LCh	97, 14.732, 196.522
Yxy	92.4403, 0.2871, 0.3300
Android (android.graphics.Color)	4292083710 (0xFFD3FFFE)
YUV	241.7300, 6.0491, -26.9502
Hunter-Lab	96.1459, -18.9179, 1.1426

Details

The CIELCh color **97, 14.732, 196.522** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 16.423, 18.794**, 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, 14.589, 196.210** is the 20% darker color. If you saturate the color by 10%, you get **96, 22.521, 195.939**, and if you desaturate by 10%, it is **99, 6.362, 197.165**.

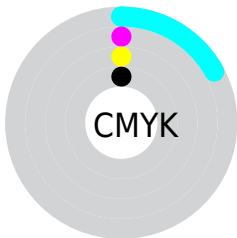
Distribution



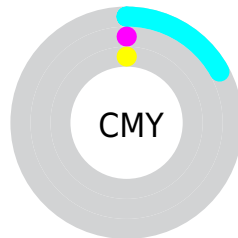
- Red (83%)
- Green (100%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 14.732, 196.522 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, 14.732, 196.522 by changing the saturation by 10% instead.


 97, 14.732,
196.522


 97, 14.732,
196.522


 100, 14.732,
196.522


 87, 14.732,
196.522

 77, 14.732,
196.522

 67, 14.732,
196.522

 57, 14.732,
196.522

 47, 14.732,
196.522

 37, 14.732,
196.522

 27, 14.732,

196.522

■ 17, 14.732,
196.522

■ 7, 14.732, 196.522

■ 97, 14.732,
196.522

■ 97, 14.732,
196.522

■ 96, 22.521,
195.939

■ 99, 6.362, 197.165

■ 94, 29.576,
195.408

100, 0.069,
319.963

■ 93, 35.756,
194.917

■ 92, 40.935,
194.468

■ 92, 45.028,
194.055

■ 91, 48.002,
193.675

■ 91, 49.894,
193.318

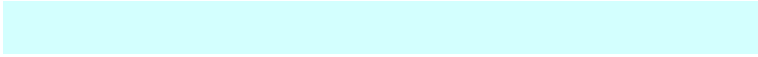
■ 91, 50.834,
192.973

■ 91, 51.003,
192.880

Harmonies

Complementary

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



97, 14.732, 196.522



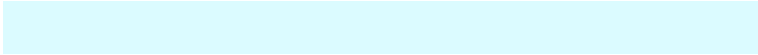
88, 16.423, 18.794

Rectangle

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



97, 14.732, 196.522



97, 14.732, 246.522



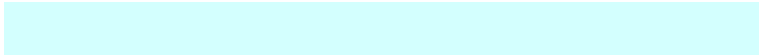
97, 14.732, 16.522



97, 14.732, 66.522

Sweetspot

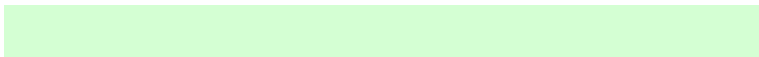
The Sweet Spot groups the original color and five complimentary colors.



97, 14.733, 196.515



99, 4.404, 197.349



96, 27.256, 142.514



53, 3.000, 197.288



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

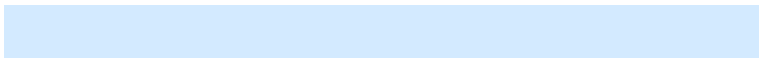
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 14.733, 196.515



96, 17.726, 196.294



92, 13.012, 254.117



52, 4.956, 197.006



70, 41.078, 192.939



24, 18.855, 193.347

Inverse Universe

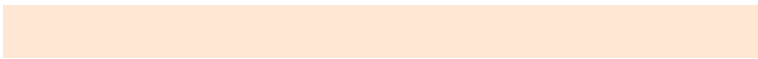
The Inverse Universe completely reimagines the original color for something new.



88, 16.423, 18.794



86, 20.271, 19.167



93, 13.746, 69.643



49, 5.253, 18.098



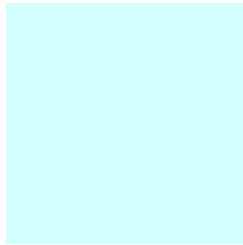
40, 83.212, 39.110



10, 33.179, 26.267

Previews

White Background



This preview shows how the CIE LCh color 97, 14.732, 196.522 looks on a white background.

Color Contrast Check

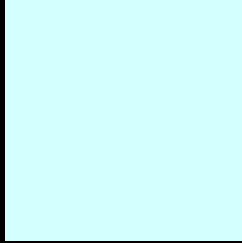
Large Text (above 18pt) WCAG AA × Fail

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, 14.732, 196.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

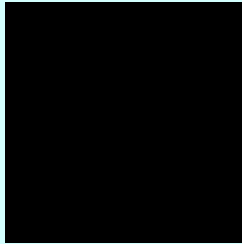
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 14.732, 196.522

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.732, 196.522.



This preview shows how white text looks on a background with the CIELCh color 97, 14.732, 196.522.

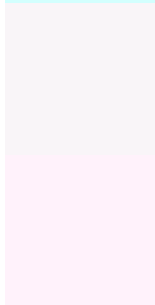
Color Blindness Simulation

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

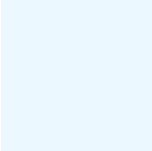


Original Color
97, 14.732, 196.522



Protanopia
97, 2.101, 332.263

Deuteranopia
97, 6.523, 334.886

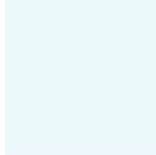


Tritanopia
97, 5.403, 240.891

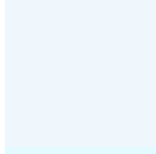
Trichromacy



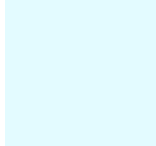
Original Color
97, 14.732, 196.522



Protanomaly
97, 4.853, 205.288



Deuteranomaly
97, 3.737, 242.701

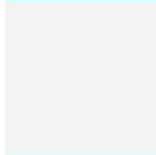


Tritanomaly
97, 8.361, 213.181

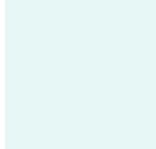
Monochromacy



Original Color
97, 14.732, 196.522



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, 14.732, 196.522 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(211, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.732, 196.522 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(211, 255, 254) }
```

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

```
.border{ border-color:rgb(211, 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(211, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.732, 196.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 254) }
```

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

```
.background{ background-color: rgb(211,  
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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