

Converting Colors

CIELCh(97, 13.933, 190.733)

Have a look what the booklet for
CIELCh(97, 13.933, 190.733)
contains.

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Color

CIElCh(97, 14.029, 190.146)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFFB
RGB	214, 255, 251
RGB Percent	84%, 100%, 98%
CMY	0.1623, 0.0016, 0.0173
CMYK	0.16, 0.00, 0.02, 0.00
HSL	174°, 98%, 92%
HSV	174°, 16%, 100%
XYZ	80.5983, 92.4403, 104.5307
YIQ	242.2850, -23.1520, -9.9360

Conversions

Conversions Part 2

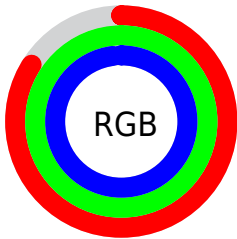
Format	Color
R_{YB}	214, 236, 255
Decimal	14090235
CIE _{Lab}	97.00, -13.81, -2.47
CIE _{LCh}	97, 14.029, 190.146
Yxy	92.4403, 0.2904, 0.3330
Android (android.graphics.Color)	4292280315 (0xFFD6FFFB)
YUV	242.2850, 4.2965, -24.8059
Hunter-Lab	96.1459, -18.6202, 2.8414

Details

The CIELCh color **97, 14.029, 190.146** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.285, 12.749**, 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, 13.789, 191.648** is the 20% darker color. If you saturate the color by 10%, you get **95, 22.146, 189.335**, and if you desaturate by 10%, it is **99, 5.426, 190.990**.

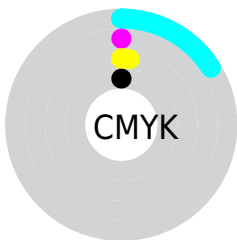
Distribution



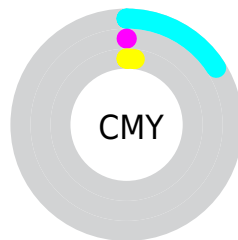
- Red (84%)
- Green (100%)
- Blue (98%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 14.029, 190.146 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, 14.029, 190.146 by changing the saturation by 10% instead.


 97, 14.029,
190.146


 97, 14.029,
190.146


 100, 14.029,
190.146


 87, 14.029,
190.146

 77, 14.029,
190.146

 67, 14.029,
190.146

 57, 14.029,
190.146

 47, 14.029,
190.146

 37, 14.029,
190.146

 27, 14.029,

190.146

■ 17, 14.029,
190.146

■ 7, 14.029, 190.146

■ 97, 14.029,
190.146

■ 97, 14.029,
190.146

■ 95, 22.146,
189.335

■ 99, 5.426, 190.990

■ 94, 29.623,
188.525

100, 0.257,
323.244

■ 93, 36.309,
187.698

■ 92, 42.064,
186.841

■ 91, 46.781,
185.940

■ 91, 50.403,
184.976

■ 91, 52.944,
183.932

■ 90, 54.507,
182.791

■ 90, 54.953,
182.331

Harmonies

Complementary

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



97, 14.029, 190.146



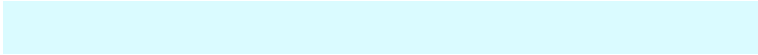
89, 15.285, 12.749

Rectangle

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



97, 14.029, 190.146



97, 14.029, 240.146



97, 14.029, 10.146



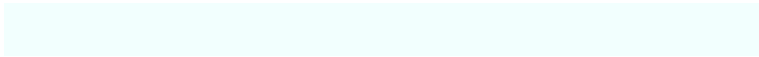
97, 14.029, 60.146

Sweetspot

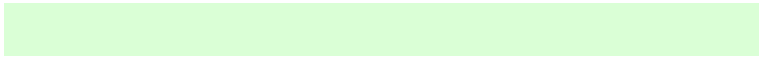
The Sweet Spot groups the original color and five complimentary colors.



97, 14.030, 190.139



99, 4.461, 191.100



96, 24.846, 140.839



53, 3.040, 191.028



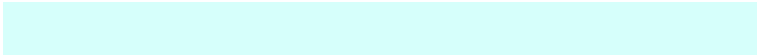
0, 0.000, 0.000



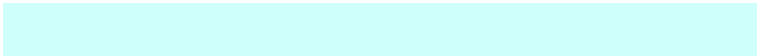
53, 0.007, 296.813

Same Dimension

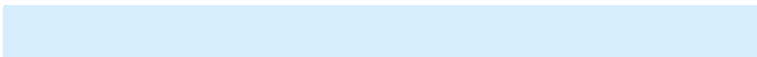
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 14.030, 190.139



97, 16.461, 189.905



93, 11.641, 245.878



52, 5.031, 190.684



70, 44.230, 182.548



23, 20.086, 184.077

Inverse Universe

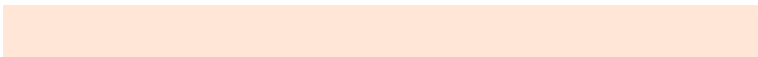
The Inverse Universe completely reimagines the original color for something new.



89, 15.285, 12.749



87, 18.232, 13.069



93, 12.467, 62.208



50, 5.287, 12.072



40, 80.090, 36.074



10, 32.618, 23.214

Previews

White Background



This preview shows how the CIE LCh color 97, 14.029, 190.146 looks on a white background.

Color Contrast Check

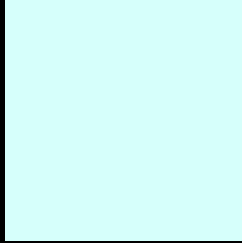
Large Text (above 18pt) WCAG AA × Fail

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, 14.029, 190.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

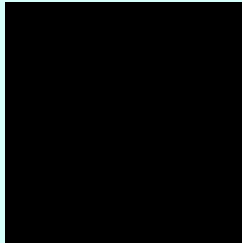
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

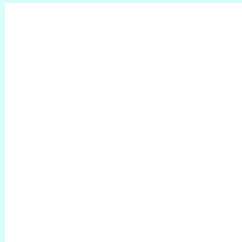
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 14.029, 190.146

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.029, 190.146.

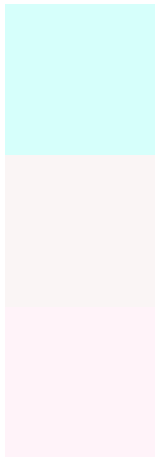


This preview shows how white text looks on a background with the CIELCh color 97, 14.029, 190.146.

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, 14.029, 190.146

Protanopia

97, 1.766, 19.158

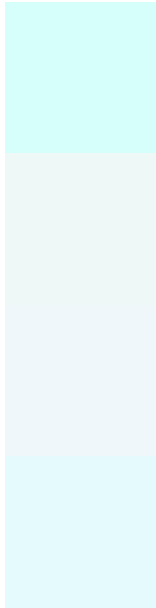
Deuteranopia

97, 5.253, 343.947



Tritanopia
97, 5.155, 243.403

Trichromacy



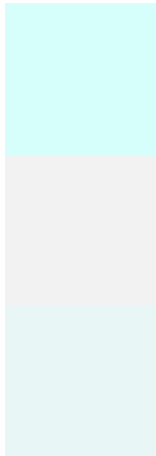
Original Color
97, 14.029, 190.146

Protanomaly
97, 3.866, 191.715

Deuteranomaly
97, 2.855, 232.048

Tritanomaly
97, 7.630, 210.656

Monochromacy



Original Color
97, 14.029, 190.146

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 5.325, 188.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.029, 190.146 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(214, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 251)  
}
```

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(214, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.029, 190.146 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(214, 255, 251) }
```

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

```
.border{ border-color:rgb(214, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.029, 190.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 251) }
```

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

```
.background{ background-color: rgb(214,  
255, 251) }
```

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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