

Converting Colors

CIELCh(97, 16.655, 187.266)

Have a look what the booklet for
CIELCh(97, 16.655, 187.266)
contains.

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Color

CIElCh(97, 16.040, 189.208)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFFB
RGB	209, 255, 251
RGB Percent	82%, 100%, 98%
CMY	0.1816, 0.0000, 0.0168
CMYK	0.18, 0.00, 0.02, 0.00
HSL	174°, 100%, 91%
HSV	174°, 18%, 100%
XYZ	79.5688, 92.4403, 104.6824
YIQ	240.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

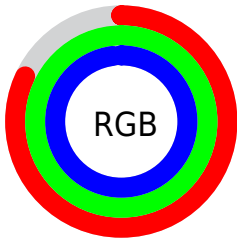
Format	Color
R_{YB}	209, 233, 255
Decimal	13762555
CIE _{Lab}	97.00, -15.83, -2.57
CIE _{LCh}	97, 16.040, 189.208
Yxy	92.4403, 0.2876, 0.3341
Android (android.graphics.Color)	4291952635 (0xFFD1FFFB)
YUV	240.7900, 5.0335, -27.8798
Hunter-Lab	96.1459, -20.5315, 2.7479

Details

The CIELCh color **97, 16.040, 189.208** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 17.365, 13.379**, 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, 15.408, 192.224** is the 20% darker color. If you saturate the color by 10%, you get **95, 23.720, 189.621**, and if you desaturate by 10%, it is **98, 7.226, 191.228**.

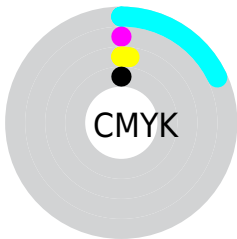
Distribution



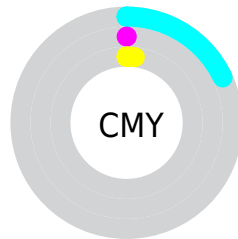
- Red (82%)
- Green (100%)
- Blue (98%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 16.040, 189.208 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, 16.040, 189.208 by changing the saturation by 10% instead.


 97, 16.040,
189.208


 97, 16.040,
189.208


 100, 16.040,
189.208


 87, 16.040,
189.208

 77, 16.040,
189.208

 67, 16.040,
189.208

 57, 16.040,
189.208

 47, 16.040,
189.208

 37, 16.040,
189.208

 27, 16.040,

189.208

■ 17, 16.040,
189.208

■ 7, 16.040, 189.208

■ 97, 16.040,
189.208

■ 97, 16.040,
189.208

■ 95, 23.720,
189.621

■ 98, 7.226, 191.228

■ 94, 31.028,
188.825

100, 0.012,
296.813

■ 93, 37.508,
188.013

■ 92, 43.028,
187.173

■ 91, 47.488,
186.290

■ 91, 50.846,
185.347

■ 91, 53.134,
184.325

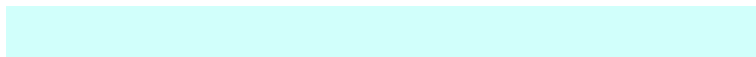
■ 90, 54.494,
183.213

■ 90, 54.698,
183.005

Harmonies

Complementary

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



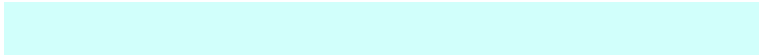
97, 16.040, 189.208



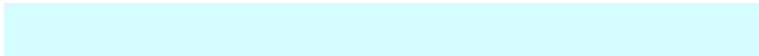
88, 17.365, 13.379

Rectangle

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



97, 16.040, 189.208



97, 16.040, 239.208



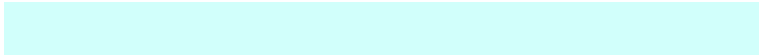
97, 16.040, 9.208



97, 16.040, 59.208

Sweetspot

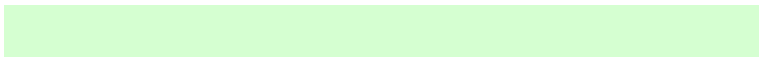
The Sweet Spot groups the original color and five complimentary colors.



97, 15.736, 190.411



99, 4.455, 191.525



96, 28.071, 140.709



53, 3.036, 191.453



0, 0.000, 0.000



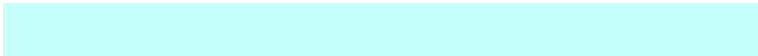
53, 0.007, 296.813

Same Dimension

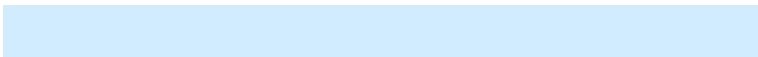
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 15.736, 190.411



96, 18.876, 190.107



92, 13.102, 246.168



52, 5.024, 191.112



70, 43.978, 183.214



23, 19.989, 184.678

Inverse Universe

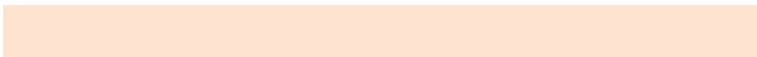
The Inverse Universe completely reimagines the original color for something new.



88, 17.365, 13.379



85, 21.307, 13.821



92, 14.170, 62.005



50, 5.283, 12.484



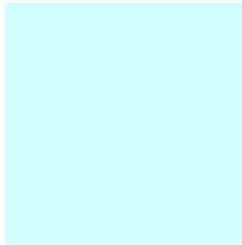
40, 80.331, 36.328



10, 32.653, 23.428

Previews

White Background



This preview shows how the CIE LCh color 97, 16.040, 189.208 looks on a white background.

Color Contrast Check

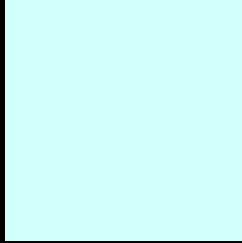
Large Text (above 18pt) WCAG AA × Fail

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, 16.040, 189.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

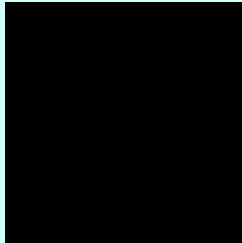
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

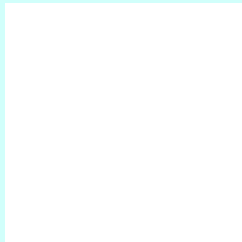
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 16.040, 189.208

Background



This preview shows how black text looks on a background with the CIELCh color 97, 16.040, 189.208.

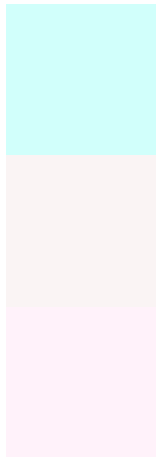


This preview shows how white text looks on a background with the CIELCh color 97, 16.040, 189.208.

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

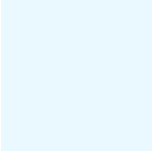
97, 15.612, 190.890

Protanopia

97, 2.122, 19.244

Deuteranopia

97, 6.173, 338.228

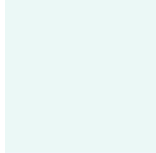


Tritanopia
97, 5.924, 236.524

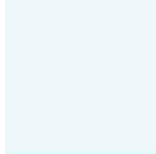
Trichromacy



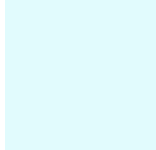
Original Color
97, 15.612, 190.890



Protanomaly
97, 4.649, 186.520



Deuteranomaly
97, 3.453, 225.831

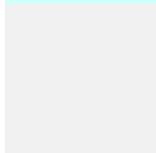


Tritanomaly
97, 8.881, 205.557

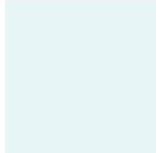
Monochromacy



Original Color
97, 15.612, 190.890



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 5.918, 194.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 16.040, 189.208 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(209, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 16.040, 189.208 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(209, 255, 251) }
```

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

```
.border{ border-color:rgb(209, 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(209, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 16.040, 189.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 251) }
```

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

```
.background{ background-color: rgb(209,  
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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