

Converting Colors

CIELCh(100, 21.033, 215.253)

Have a look what the booklet for
CIELCh(100, 21.033, 215.253)
contains.

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Color

CIElCh(97, 17.489, 198.347)

Conversions

Conversions Part 1

Format	Color
Hex	CBFFFF
RGB	203, 255, 255
RGB Percent	80%, 100%, 100%
CMY	0.2026, 0.0000, 0.0000
CMYK	0.20, 0.00, 0.00, 0.00
HSL	180°, 100%, 90%
HSV	180°, 20%, 100%
XYZ	79.1811, 92.4403, 109.4272
YIQ	239.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

Format	Color
R_{YB}	203, 229, 255
Decimal	13369343
CIE _{Lab}	97.00, -16.60, -5.51
CIE _{LCh}	97, 17.489, 198.347
Y _{xy}	92.4403, 0.2817, 0.3289
Android (android.graphics.Color)	4291559423 (0xFFC _B FFFF)
Y _{UV}	239.4520, 7.6652, -31.9684
Hunter-Lab	96.1459, -21.2514, -0.1780

Details

The CIELCh color **97, 17.489, 198.347** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 19.545, 20.877**, 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, 17.060, 198.147** is the 20% darker color. If you saturate the color by 10%, you get **95, 24.600, 197.901**, and if you desaturate by 10%, it is **98, 8.911, 198.917**.

Distribution



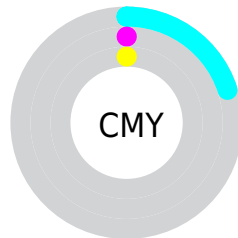
- Red (80%)
- Green (100%)
- Blue (100%)



- Red (80%)
- Yellow (90%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 17.489, 198.347 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, 17.489, 198.347 by changing the saturation by 10% instead.


 97, 17.489,
198.347


 97, 17.489,
198.347


 100, 17.489,
198.347


 87, 17.489,
198.347

 77, 17.489,
198.347

 67, 17.489,
198.347

 57, 17.489,
198.347

 47, 17.489,
198.347

 37, 17.489,
198.347

 27, 17.489,

198.347

■ 17, 17.489,
198.347

■ 7, 17.489, 198.347

■ 97, 17.489,
198.347

■ 97, 17.489,
198.347

■ 95, 24.600,
197.901

■ 98, 8.911, 198.917

100, 0.234,

■ 94, 31.321,
197.490

202.219

100, 0.012,

■ 93, 37.110,
197.143

296.813

■ 92, 41.856,
196.864

■ 92, 45.492,
196.652

■ 91, 48.012,
196.507

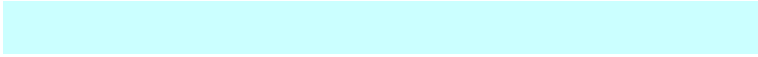
■ 91, 49.484,
196.422

■ 91, 50.115,
196.386

Harmonies

Complementary

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



97, 17.489, 198.347



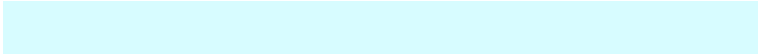
86, 19.545, 20.877

Rectangle

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



97, 17.489, 198.347



97, 17.489, 248.347



97, 17.489, 18.347



97, 17.489, 68.347

Sweetspot

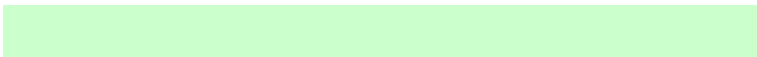
The Sweet Spot groups the original color and five complimentary colors.



97, 17.081, 198.373



99, 5.264, 199.198



95, 32.386, 143.127



53, 3.486, 199.150



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

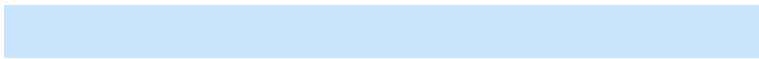
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 17.081, 198.373



96, 19.973, 198.189



90, 15.678, 258.381



52, 4.945, 198.963



70, 40.365, 196.386



24, 18.570, 196.386

Inverse Universe

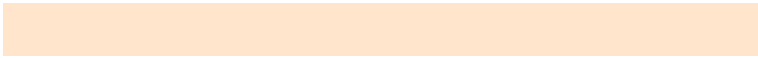
The Inverse Universe completely reimagines the original color for something new.



88, 32.408, 325.552



85, 38.382, 325.757



92, 16.549, 72.877



50, 9.057, 324.947



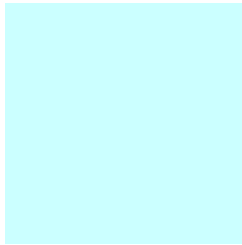
45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



This preview shows how the CIE LCh color 97, 17.489, 198.347 looks on a white background.

Color Contrast Check

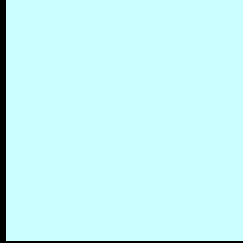
Large Text (above 18pt) WCAG AA × Fail

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, 17.489, 198.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

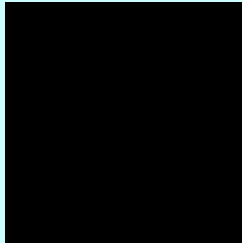
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 17.489, 198.347

Background



This preview shows how black text looks on a background with the CIELCh color 97, 17.489, 198.347.

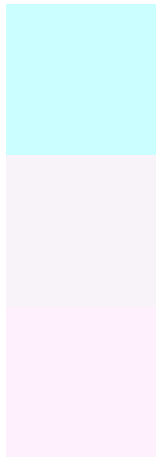


This preview shows how white text looks on a background with the CIELCh color 97, 17.489, 198.347.

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, 17.181, 198.366

Protanopia
96, 3.130, 324.456

Deuteranopia
96, 8.529, 328.615



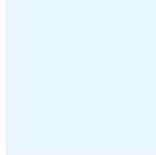
Tritanopia

96, 6.492, 238.439

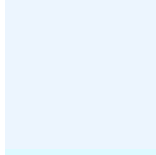
Trichromacy



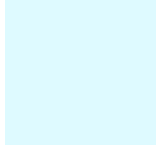
Original Color
97, 17.181, 198.366



Protanomaly
96, 5.512, 221.067



Deuteranomaly
96, 5.506, 256.410

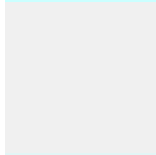


Tritanomaly
96, 9.741, 214.181

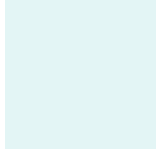
Monochromacy



Original Color
97, 17.181, 198.366



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 6.221, 199.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 17.489, 198.347 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(203, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 255)  
}
```

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(203, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 17.489, 198.347 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(203, 255, 255) }
```

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

```
.border{ border-color:rgb(203, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 17.489, 198.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 255) }
```

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

```
.background{ background-color: rgb(203,  
255, 255) }
```

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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