

Converting Colors

CIELCh(97, 15.581, 196.794)

Have a look what the booklet for
CIELCh(97, 15.581, 196.794)
contains.

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Color

CIELCh(97, 15.364, 196.562)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFFE
RGB	209, 255, 254
RGB Percent	82%, 100%, 100%
CMY	0.1794, 0.0000, 0.0029
CMYK	0.18, 0.00, 0.00, 0.00
HSL	179°, 100%, 91%
HSV	179°, 18%, 100%
XYZ	80.1307, 92.4403, 107.5932
YIQ	241.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

Format	Color
R_{YB}	209, 232, 255
Decimal	13762558
CIE Lab	97.00, -14.73, -4.38
CIE LCh	97, 15.364, 196.562
Yxy	92.4403, 0.2860, 0.3300
Android (android.graphics.Color)	4291952638 (0xFFD1FFFE)
YUV	241.1320, 6.3439, -28.1798
Hunter-Lab	96.1459, -19.4883, 0.9529

Details

The CIELCh color **97, 15.364, 196.562** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 17.128, 19.364**, 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, 15.231, 196.249** is the 20% darker color. If you saturate the color by 10%, you get **96, 22.999, 196.489**, and if you desaturate by 10%, it is **99, 6.946, 197.660**.

Distribution



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



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 15.364, 196.562 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, 15.364, 196.562 by changing the saturation by 10% instead.


 97, 15.364,
196.562


 97, 15.364,
196.562


 100, 15.364,
196.562


 87, 15.364,
196.562

 77, 15.364,
196.562

 67, 15.364,
196.562

 57, 15.364,
196.562

 47, 15.364,
196.562

 37, 15.364,
196.562

 27, 15.364,

196.562

■ 17, 15.364,
196.562

■ 7, 15.364, 196.562

■ 97, 15.364,
196.562

■ 97, 15.364,
196.562

■ 96, 22.999,
196.489

■ 99, 6.946, 197.660

■ 94, 29.977,
195.988

100, 0.012,
296.813

■ 93, 36.064,
195.535

■ 92, 41.140,
195.129

■ 92, 45.122,
194.769

■ 91, 47.985,
194.451

■ 91, 49.771,
194.165

■ 91, 50.628,
193.903

■ 91, 50.748,
193.850

Harmonies

Complementary

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



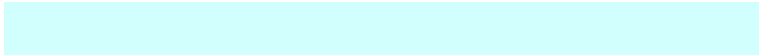
97, 15.364, 196.562



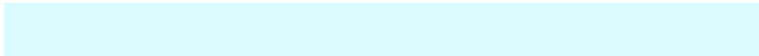
88, 17.128, 19.364

Rectangle

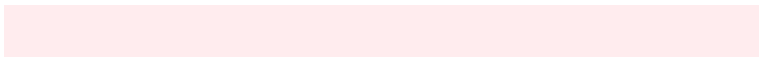
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 15.364, 196.562



97, 15.364, 246.562



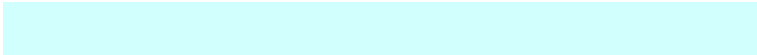
97, 15.364, 16.562



97, 15.364, 66.562

Sweetspot

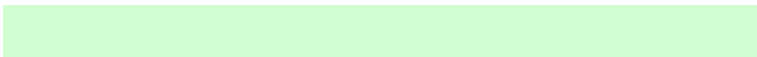
The Sweet Spot groups the original color and five complimentary colors.



97, 15.273, 197.038



99, 4.402, 197.889



96, 28.505, 142.887



53, 2.998, 197.829



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

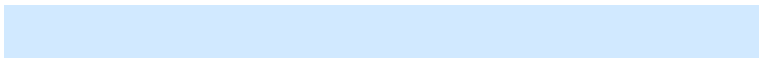
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 15.273, 197.038



96, 18.488, 196.809



91, 13.705, 256.134



52, 4.953, 197.554



70, 40.866, 193.893



24, 18.771, 194.189

Inverse Universe

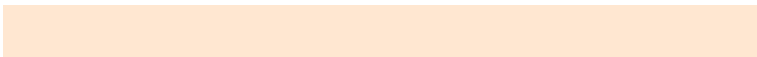
The Inverse Universe completely reimagines the original color for something new.



88, 17.128, 19.364



85, 21.327, 19.771



93, 14.439, 71.381



49, 5.252, 18.615



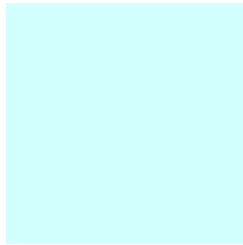
40, 83.487, 39.355



10, 33.231, 26.523

Previews

White Background



This preview shows how the CIE LCh color 97, 15.364, 196.562 looks on a white background.

Color Contrast Check

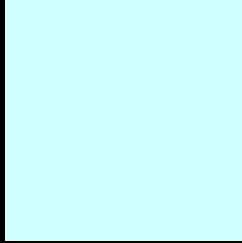
Large Text (above 18pt) WCAG AA × Fail

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, 15.364, 196.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

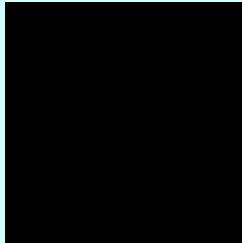
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 15.364, 196.562

Background



This preview shows how black text looks on a background with the CIELCh color 97, 15.364, 196.562.

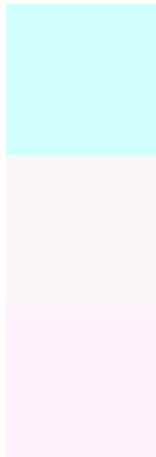


This preview shows how white text looks on a background with the CIELCh color 97, 15.364, 196.562.

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](#).

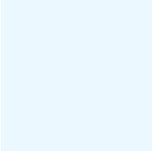
Dichromacy



Original Color
97, 15.364, 196.562

Protanopia
97, 2.721, 330.520

Deuteranopia
97, 6.894, 331.898

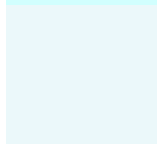


Tritanopia
97, 5.660, 238.606

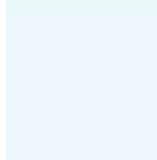
Trichromacy



Original Color
97, 15.364, 196.562



Protanomaly
97, 4.588, 212.171



Deuteranomaly
97, 4.328, 244.660

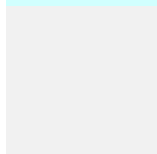


Tritanomaly
97, 8.682, 212.627

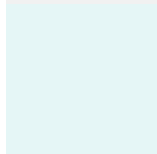
Monochromacy



Original Color
97, 15.364, 196.562



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 5.877, 199.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 15.364, 196.562 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 15.364, 196.562 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, 254) }
```

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

```
.border{ border-color:rgb(209, 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(209, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 15.364, 196.562 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, 254) }
```

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

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