

Converting Colors

CIELCh(97, 15.988, 151.608)

Have a look what the booklet for
CIELCh(97, 15.988, 151.608)
contains.

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Color

CIELCh(97, 16.140, 151.813)

Conversions

Conversions Part 1

Format	Color
Hex	DFEE7
RGB	223, 254, 231
RGB Percent	87%, 100%, 91%
CMY	0.1250, 0.0034, 0.0937
CMYK	0.12, 0.00, 0.09, 0.00
HSL	135°, 95%, 94%
HSV	135°, 12%, 100%
XYZ	80.3858, 92.4403, 89.2924
YIQ	242.1090, -11.0930, -13.7250

Conversions

Conversions Part 2

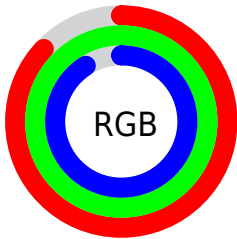
Format	Color
R _Y B	223, 248, 254
Decimal	14679783
CIE Lab	97.00, -14.23, 7.62
CIE LCh	97, 16.140, 151.813
Yxy	92.4403, 0.3067, 0.3527
Android (android.graphics.Color)	4292869863 (0xFFDFFEE7)
YUV	242.1090, -5.4767, -16.7586
Hunter-Lab	96.1459, -19.0147, 12.2384

Details

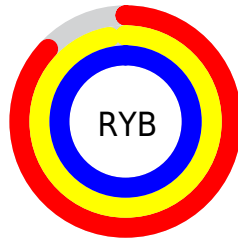
The CIELCh color **97, 16.140, 151.813** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 16.217, 333.431**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 16.050, 151.017** is the 20% darker color. If you saturate the color by 10%, you get **95, 29.445, 150.981**, and if you desaturate by 10%, it is **99, 2.888, 152.634**.

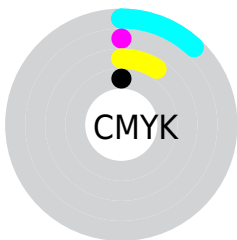
Distribution



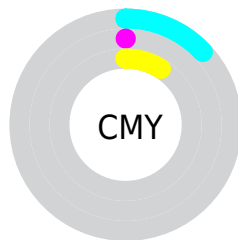
- Red (87%)
- Green (100%)
- Blue (91%)



- Red (87%)
- Yellow (97%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 16.140, 151.813 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, 16.140, 151.813 by changing the saturation by 10% instead.


 97, 16.140,
151.813


 97, 16.140,
151.813


 100, 16.140,
151.813


 87, 16.140,
151.813

 77, 16.140,
151.813

 67, 16.140,
151.813

 57, 16.140,
151.813

 47, 16.140,
151.813

 37, 16.140,
151.813

 27, 16.140,

151.813

■ 17, 16.140,
151.813

■ 7, 16.140, 151.813

■ 97, 16.140,
151.813

■ 97, 16.140,
151.813

■ 95, 29.445,
150.981

■ 99, 2.888, 152.634

■ 93, 42.616,
150.029

100, 0.554,
323.902

■ 92, 55.434,
148.928

■ 91, 67.642,
147.660

■ 90, 78.966,
146.212

■ 89, 89.138,
144.588

■ 88, 97.926,
142.816

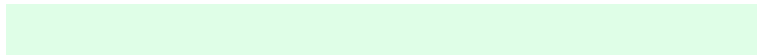
■ 88, 105.159,
140.964

■ 88, 109.716,
139.572

Harmonies

Complementary

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



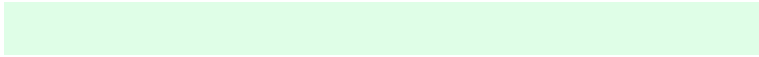
97, 16.140, 151.813



92, 16.217, 333.431

Rectangle

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



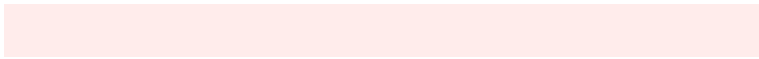
97, 16.140, 151.813



97, 16.140, 201.813



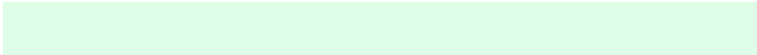
97, 16.140, 331.813



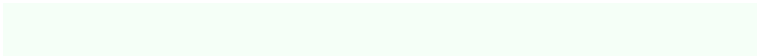
97, 16.140, 21.813

Sweetspot

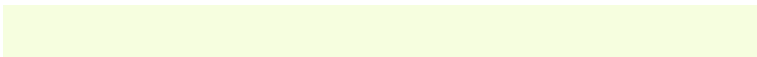
The Sweet Spot groups the original color and five complimentary colors.



97, 16.142, 151.812



99, 5.276, 152.452



98, 15.983, 119.146



53, 3.753, 152.389



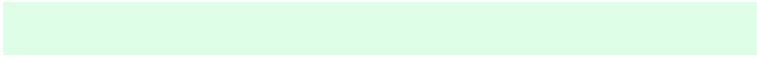
0, 0.000, 0.000



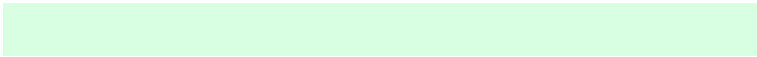
53, 0.007, 296.813

Same Dimension

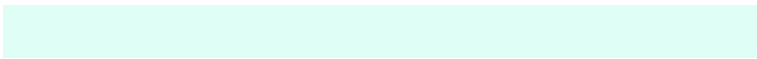
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 16.142, 151.812



97, 19.923, 151.590



97, 11.435, 178.433



52, 7.532, 152.020



68, 87.918, 139.902



23, 37.984, 142.631

Inverse Universe

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



92, 16.217, 333.431



90, 20.026, 333.629



92, 11.923, 0.668



50, 7.564, 333.241



43, 76.421, 341.946



11, 35.937, 339.882

Previews

White Background



This preview shows how the CIE LCh color 97, 16.140, 151.813 looks on a white background.

Color Contrast Check

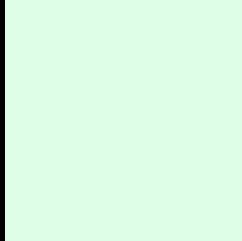
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 16.140, 151.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

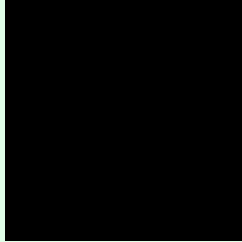
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

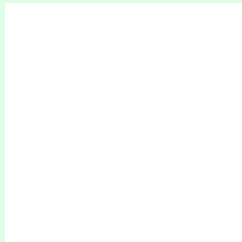
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 16.140, 151.813

Background



This preview shows how black text looks on a background with the CIELCh color 97, 16.140, 151.813.

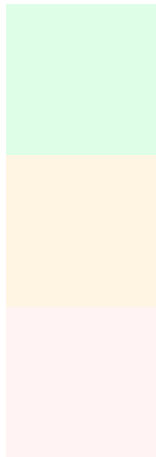


This preview shows how white text looks on a background with the CIELCh color 97, 16.140, 151.813.

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, 16.140, 151.813

Protanopia
97, 10.331, 88.730

Deuteranopia
97, 4.267, 19.539

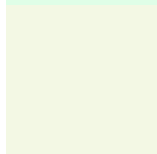


Tritanopia
97, 4.715, 259.792

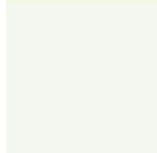
Trichromacy



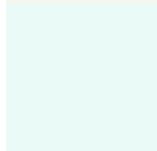
Original Color
97, 16.140, 151.813



Protanomaly
97, 10.359, 119.411



Deuteranomaly
97, 4.329, 128.959

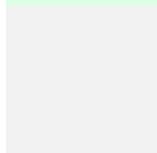


Tritanomaly
97, 5.952, 179.030

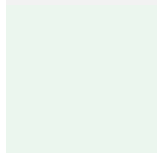
Monochromacy



Original Color
97, 16.140, 151.813



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 5.670, 152.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 16.140, 151.813 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(223, 254, 231)` looks like.

```
.text, #text, p{  
    color:rgb(223, 254, 231)  
}
```

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(223, 254, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 254, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 16.140, 151.813 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(223, 254, 231) }
```

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

```
.border{ border-color:rgb(223, 254, 231) }
```

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

Here you see how a box with a 4 pixel rgb(223, 254, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 254, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 254, 231);  
box-shadow:4px 4px 4px 4px rgb(223, 254,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 16.140, 151.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 254, 231) }
```

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

```
.background{ background-color: rgb(223,  
254, 231) }
```

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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