

Converting Colors

CIELCh(97, 12.905, 142.729)

Have a look what the booklet for
CIELCh(97, 12.905, 142.729)
contains.

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Color

CIElCh(97, 12.915, 142.727)

Conversions

Conversions Part 1

Format	Color
Hex	E8FCE7
RGB	232, 252, 231
RGB Percent	91%, 99%, 91%
CMY	0.0907, 0.0122, 0.0946
CMYK	0.08, 0.00, 0.08, 0.01
HSL	117°, 77%, 95%
HSV	117°, 8%, 99%
XYZ	82.4166, 92.4403, 89.0097
YIQ	243.6260, -5.1790, -10.7710

Conversions

Conversions Part 2

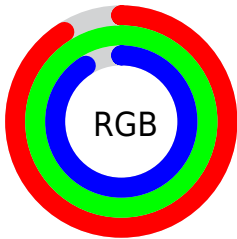
Format	Color
R_{YB}	231, 252, 251
Decimal	15269095
CIE _{Lab}	97.00, -10.28, 7.82
CIE _{LCh}	97, 12.915, 142.727
Yxy	92.4403, 0.3123, 0.3503
Android (android.graphics.Color)	4293459175 (0xFFE8FCE7)
YUV	243.6260, -6.2246, -10.1960
Hunter-Lab	96.1459, -15.2445, 12.4128

Details

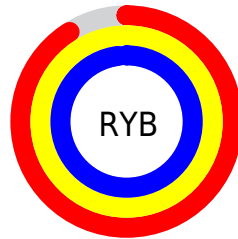
The CIELCh color **97, 12.915, 142.727** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 12.948, 323.577**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 12.914, 142.553** is the 20% darker color. If you saturate the color by 10%, you get **95, 28.554, 142.074**, and if you desaturate by 10%, it is **99, 1.945, 324.351**.

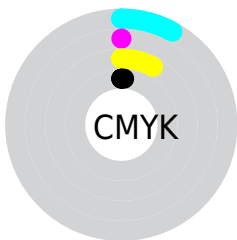
Distribution



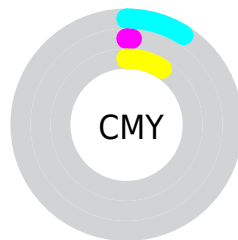
- Red (91%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)





- Cyan (9%)
- Magenta (1%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 12.915, 142.727 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, 12.915, 142.727 by changing the saturation by 10% instead.


 97, 12.915,
142.727


 97, 12.915,
142.727


 100, 12.915,
142.727


 87, 12.915,
142.727


 77, 12.915,
142.727

 67, 12.915,
142.727

 57, 12.915,
142.727

 47, 12.915,
142.727

 37, 12.915,
142.727

 27, 12.915,

142.727

■ 17, 12.915,
142.727

■ 7, 12.915, 142.727

■ 97, 12.915,
142.727

■ 97, 12.915,
142.727

■ 95, 28.554,
142.074

■ 99, 1.945, 324.351

■ 93, 44.144,
141.325

■ 91, 59.412,
140.469

■ 90, 73.996,
139.517

■ 89, 87.435,
138.509

■ 88, 99.154,
137.521

■ 87, 108.500,
136.677

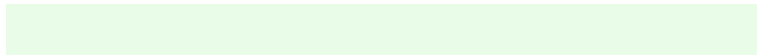
■ 87, 114.868,
136.122

■ 87, 118.091,
135.918

Harmonies

Complementary

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



97, 12.915, 142.727



94, 12.948, 323.577

Rectangle

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



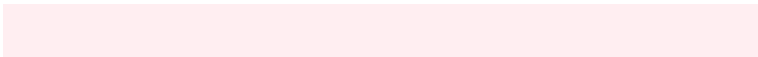
97, 12.915, 142.727



97, 12.915, 192.727



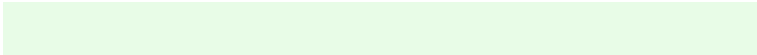
97, 12.915, 322.727



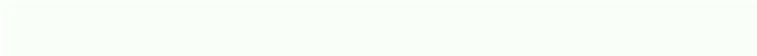
97, 12.915, 12.727

Sweetspot

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



97, 12.917, 142.728



99, 4.669, 143.070



98, 10.134, 107.256



53, 3.544, 143.013



0, 0.000, 0.000



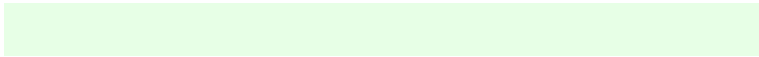
53, 0.007, 296.813

Same Dimension

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



97, 12.917, 142.728



98, 15.666, 142.624



97, 9.485, 160.429



51, 8.757, 142.656



67, 95.262, 135.824



21, 42.079, 136.374

Inverse Universe

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



94, 12.948, 323.577



94, 15.702, 323.668



94, 9.575, 341.671



49, 8.778, 323.640



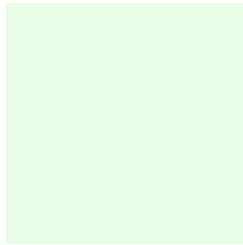
43, 92.384, 326.363



11, 41.783, 326.597

Previews

White Background



This preview shows how the CIE LCh color 97, 12.915, 142.727 looks on a white background.

Color Contrast Check

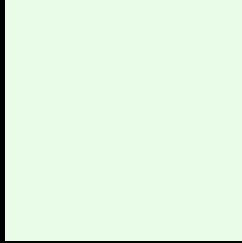
Large Text (above 18pt) WCAG AA × Fail

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, 12.915, 142.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

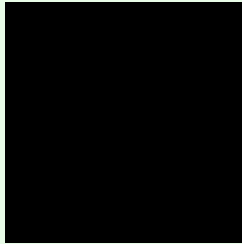
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

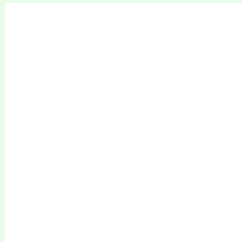
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 12.915, 142.727

Background



This preview shows how black text looks on a background with the CIELCh color 97, 12.915, 142.727.

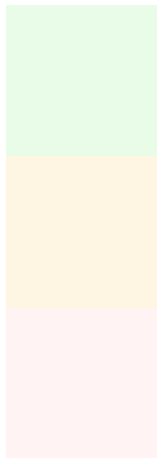


This preview shows how white text looks on a background with the CIELCh color 97, 12.915, 142.727.

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](#).

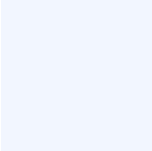
Dichromacy



Original Color
97, 12.915, 142.727

Protanopia
97, 9.853, 87.751

Deuteranopia
97, 3.939, 26.928

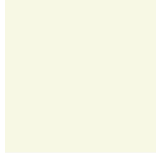


Tritanopia
97, 4.790, 273.817

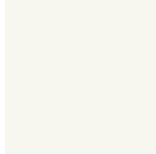
Trichromacy



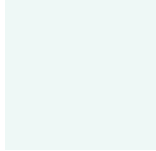
Original Color
97, 12.915, 142.727



Protanomaly
97, 10.188, 111.425

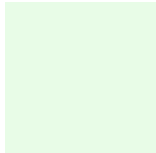


Deuteranomaly
97, 4.070, 109.848

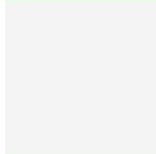


Tritanomaly
97, 3.646, 183.056

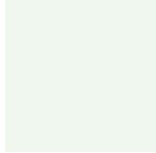
Monochromacy



Original Color
97, 12.915, 142.727



Achromatopsia
96, 0.011, 296.813



Achromatomaly
97, 4.795, 140.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 12.915, 142.727 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(232, 252, 231)` looks like.

```
.text, #text, p{  
    color:rgb(232, 252, 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(232, 252, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 252, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 12.915, 142.727 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(232, 252, 231) }
```

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

```
.border{ border-color:rgb(232, 252, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 252, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 252, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 252, 231);  
box-shadow:4px 4px 4px 4px rgb(232, 252,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 12.915, 142.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 252, 231) }
```

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

```
.background{ background-color: rgb(232,  
252, 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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