

Converting Colors

CIELCh(97, 18.433, 140.748)

Have a look what the booklet for
CIELCh(97, 18.433, 140.748)
contains.

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Color

CIELCh(97, 18.592, 140.276)

Conversions

Conversions Part 1

Format	Color
Hex	E3FEDF
RGB	227, 254, 223
RGB Percent	89%, 100%, 87%
CMY	0.1103, 0.0044, 0.1259
CMYK	0.11, 0.00, 0.12, 0.00
HSL	112°, 93%, 93%
HSV	112°, 12%, 100%
XYZ	80.3482, 92.4403, 83.3367
YIQ	242.3930, -6.1410, -15.3650

Conversions

Conversions Part 2

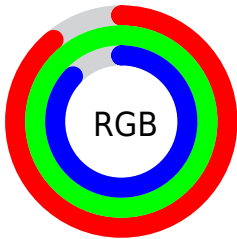
Format	Color
R_{YB}	223, 254, 250
Decimal	14941919
CIE _{Lab}	97.00, -14.30, 11.88
CIE _{LCh}	97, 18.592, 140.276
Yxy	92.4403, 0.3137, 0.3609
Android (android.graphics.Color)	4293131999 (0xFFE3FEDF)
YUV	242.3930, -9.5607, -13.4997
Hunter-Lab	96.1459, -19.0846, 15.9111

Details

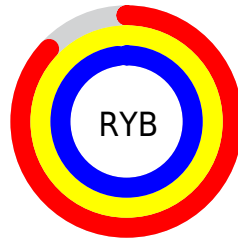
The CIELCh color **97, 18.592, 140.276** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **92, 18.676, 321.457**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 18.414, 140.845** is the 20% darker color. If you saturate the color by 10%, you get **95, 33.931, 139.665**, and if you desaturate by 10%, it is **99, 3.337, 140.867**.

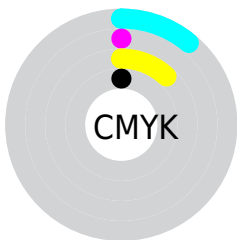
Distribution



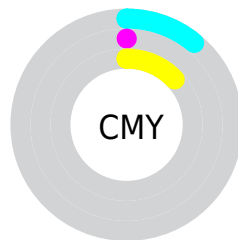
- Red (89%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 18.592, 140.276 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, 18.592, 140.276 by changing the saturation by 10% instead.


 97, 18.592,
140.276


 97, 18.592,
140.276


 100, 18.592,
140.276


 87, 18.592,
140.276


 77, 18.592,
140.276

 67, 18.592,
140.276

 57, 18.592,
140.276

 47, 18.592,
140.276

 37, 18.592,
140.276

 27, 18.592,

140.276

■ 17, 18.592,
140.276

■ 7, 18.592, 140.276

■ 97, 18.592,
140.276

■ 97, 18.592,
140.276

■ 95, 33.931,
139.665

■ 99, 3.337, 140.867

■ 93, 49.151,
138.973

100, 0.701,
324.025

■ 92, 63.984,
138.208

■ 91, 78.071,
137.395

■ 90, 90.940,
136.591

■ 89, 101.997,
135.895

■ 88, 110.575,
135.440

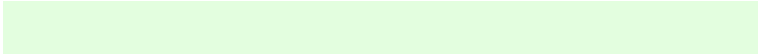
■ 88, 116.134,
135.345

■ 88, 118.499,
135.474

Harmonies

Complementary

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



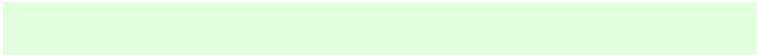
97, 18.592, 140.276



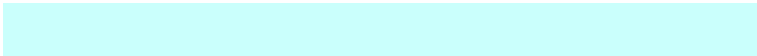
92, 18.676, 321.457

Rectangle

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



97, 18.592, 140.276



97, 18.592, 190.276



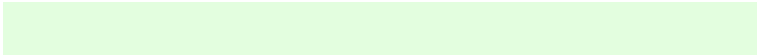
97, 18.592, 320.276



97, 18.592, 10.276

Sweetspot

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



97, 18.594, 140.277



99, 6.076, 140.742



98, 13.720, 102.796



53, 4.321, 140.698



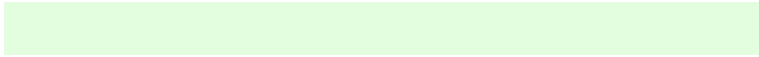
0, 0.000, 0.000



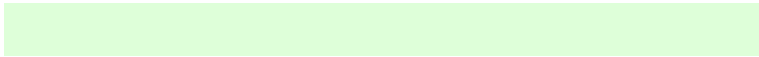
53, 0.007, 296.813

Same Dimension

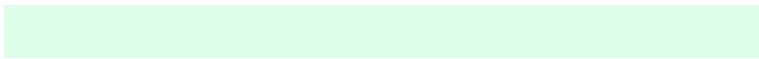
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 18.594, 140.277



97, 22.953, 140.114



97, 14.890, 156.206



52, 8.675, 140.430



68, 95.620, 135.365



23, 42.798, 134.995

Inverse Universe

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



92, 18.676, 321.457



90, 23.066, 321.594



92, 15.015, 337.994



50, 8.709, 321.324



41, 93.994, 323.259



11, 43.170, 323.838

Previews

White Background



This preview shows how the CIELCh color 97, 18.592, 140.276 looks on a white background.

Color Contrast Check

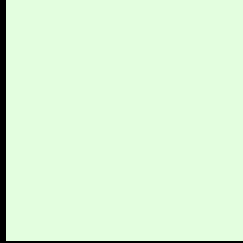
Large Text (above 18pt) WCAG AA × Fail

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, 18.592, 140.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

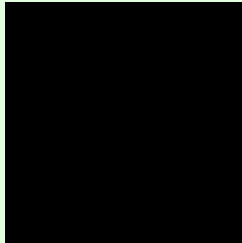
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

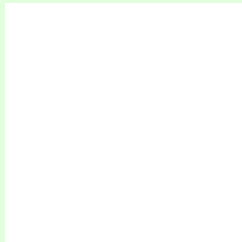
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 18.592, 140.276

Background



This preview shows how black text looks on a background with the CIELCh color 97, 18.592, 140.276.

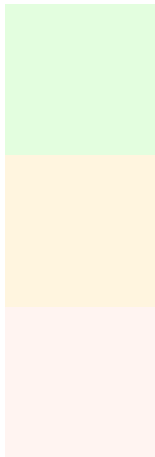


This preview shows how white text looks on a background with the CIELCh color 97, 18.592, 140.276.

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](#).

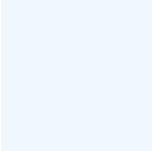
Dichromacy



Original Color
97, 18.592, 140.276

Protanopia
97, 11.780, 91.168

Deuteranopia
97, 4.197, 40.844

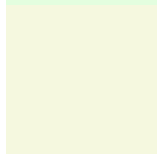


Tritanopia
97, 4.556, 263.537

Trichromacy



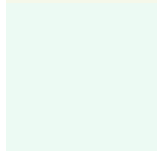
Original Color
97, 18.592, 140.276



Protanomaly
97, 12.778, 114.095



Deuteranomaly
97, 7.218, 118.173

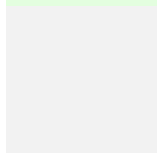


Tritanomaly
97, 6.101, 163.265

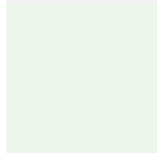
Monochromacy



Original Color
97, 18.592, 140.276



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 6.494, 139.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 18.592, 140.276 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(227, 254, 223)` looks like.

```
.text, #text, p{  
    color:rgb(227, 254, 223)  
}
```

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(227, 254, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 254, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 18.592, 140.276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

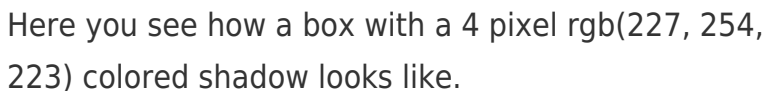
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 254, 223) }
```

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

```
.border{ border-color:rgb(227, 254, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 254, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 254, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 254, 223);  
box-shadow:4px 4px 4px 4px rgb(227, 254,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 18.592, 140.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 254, 223) }
```

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

```
.background{ background-color: rgb(227,  
254, 223) }
```

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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