

Converting Colors

CIELCh(97, 19.322, 138.729)

Have a look what the booklet for
CIELCh(97, 19.322, 138.729)
contains.

CIELCh(97, 19.474, 138.732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 19.474, 138.732)

Conversions

Conversions Part 1

Format	Color
Hex	E3FEDD
RGB	227, 254, 221
RGB Percent	89%, 100%, 87%
CMY	0.1098, 0.0039, 0.1333
CMYK	0.11, 0.00, 0.13, 0.00
HSL	109°, 94%, 93%
HSV	109°, 13%, 100%
XYZ	80.1762, 92.4403, 82.0279
YIQ	242.1650, -5.4990, -15.9870

Conversions

Conversions Part 2

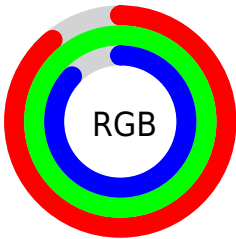
Format	Color
R _Y B	221, 254, 248
Decimal	14941917
CIE Lab	97.00, -14.64, 12.84
CIE LCh	97, 19.474, 138.732
Yxy	92.4403, 0.3149, 0.3630
Android (android.graphics.Color)	4293131997 (0xFFE3FEDD)
YUV	242.1650, -10.4343, -13.2997
Hunter-Lab	96.1459, -19.4039, 16.7182

Details

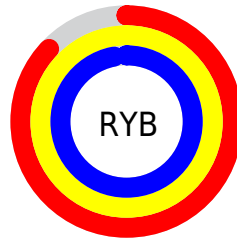
The CIELCh color **97, 19.474, 138.732** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **91, 19.597, 319.930**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 19.333, 139.179** is the 20% darker color. If you saturate the color by 10%, you get **95, 34.560, 138.158**, and if you desaturate by 10%, it is **99, 4.453, 139.276**.

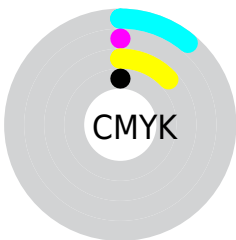
Distribution



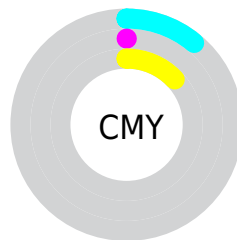
- Red (89%)
- Green (100%)
- Blue (87%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 19.474, 138.732 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, 19.474, 138.732 by changing the saturation by 10% instead.


 97, 19.474,
138.732


 97, 19.474,
138.732


 100, 19.474,
138.732


 87, 19.474,
138.732


 77, 19.474,
138.732

 67, 19.474,
138.732

 57, 19.474,
138.732

 47, 19.474,
138.732

 37, 19.474,
138.732

 27, 19.474,

138.732

■ 17, 19.474,
138.732

■ 7, 19.474, 138.732

■ 97, 19.474,
138.732

■ 97, 19.474,
138.732

■ 95, 34.560,
138.158

■ 99, 4.453, 139.276

■ 94, 49.520,
137.516

100, 0.623,
323.966

■ 92, 64.103,
136.820

■ 91, 77.964,
136.102

■ 90, 90.644,
135.424

■ 89, 101.556,
134.889

■ 88, 110.039,
134.631

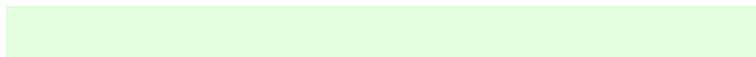
■ 88, 115.569,
134.760

■ 88, 117.831,
135.025

Harmonies

Complementary

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



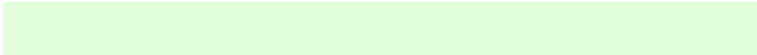
97, 19.474, 138.732



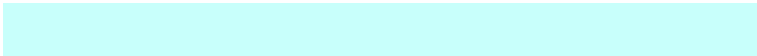
91, 19.597, 319.930

Rectangle

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



97, 19.474, 138.732



97, 19.474, 188.732



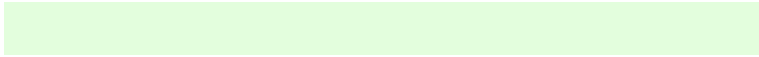
97, 19.474, 318.732



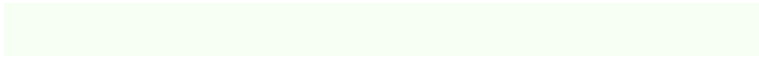
97, 19.474, 8.732

Sweetspot

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



97, 19.476, 138.733



99, 5.978, 139.214



97, 13.873, 99.901



53, 4.252, 139.172



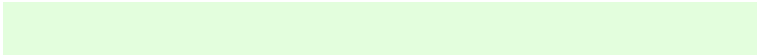
0, 0.000, 0.000



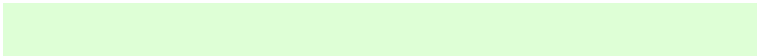
53, 0.007, 296.813

Same Dimension

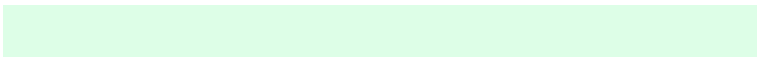
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 19.476, 138.733



97, 24.089, 138.567



97, 16.458, 154.033



52, 8.533, 138.920



68, 95.004, 134.880



23, 42.398, 134.250

Inverse Universe

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



91, 19.597, 319.930



90, 24.263, 320.070



91, 16.568, 335.863



50, 8.578, 319.765



39, 94.617, 321.334



10, 43.402, 322.122

Previews

White Background



This preview shows how the CIELCh color 97, 19.474, 138.732 looks on a white background.

Color Contrast Check

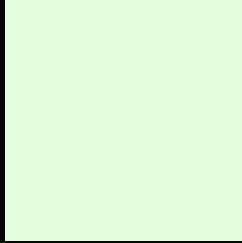
Large Text (above 18pt) WCAG AA × Fail

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, 19.474, 138.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

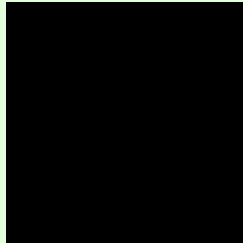
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

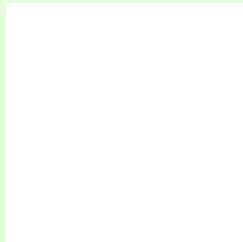
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 19.474, 138.732

Background



This preview shows how black text looks on a background with the CIELCh color 97, 19.474, 138.732.

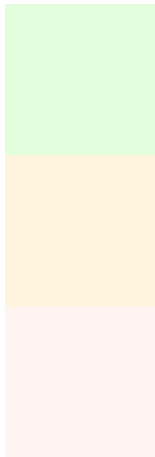


This preview shows how white text looks on a background with the CIELCh color 97, 19.474, 138.732.

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, 19.474, 138.732

Protanopia
97, 11.780, 91.168

Deuteranopia
97, 4.197, 40.844



Tritanopia
97, 4.556, 263.537

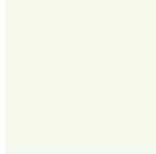
Trichromacy



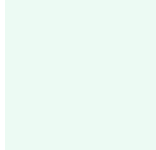
Original Color
97, 19.474, 138.732



Protanomaly
97, 13.284, 113.876

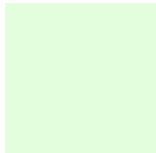


Deuteranomaly
97, 7.218, 118.173

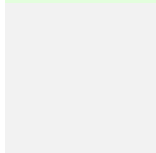


Tritanomaly
97, 6.101, 163.265

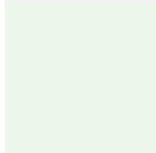
Monochromacy



Original Color
97, 19.474, 138.732



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 6.945, 137.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 19.474, 138.732 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(227, 254, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 254, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 19.474, 138.732 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, 221) }
```

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

```
.border{ border-color:rgb(227, 254, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 254, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 254, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 254,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 19.474, 138.732 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, 221) }
```

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

```
.background{ background-color: rgb(227,  
254, 221) }
```

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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