

Converting Colors

CIELCh(97, 11.219, 151.084)

Have a look what the booklet for
CIELCh(97, 11.219, 151.084)
contains.

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Color

CIELCh(97, 11.087, 151.372)

Conversions

Conversions Part 1

Format	Color
Hex	E7FCEC
RGB	231, 252, 236
RGB Percent	91%, 99%, 93%
CMY	0.0951, 0.0128, 0.0755
CMYK	0.08, 0.00, 0.06, 0.01
HSL	134°, 76%, 95%
HSV	134°, 8%, 99%
XYZ	82.6998, 92.4403, 92.6413
YIQ	243.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

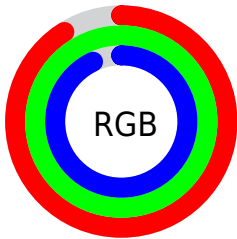
Format	Color
R _Y B	231, 248, 252
Decimal	15203564
CIE Lab	97.00, -9.73, 5.31
CIE LCh	97, 11.087, 151.372
Yxy	92.4403, 0.3088, 0.3452
Android (android.graphics.Color)	4293393644 (0xFFE7FCEC)
YUV	243.8970, -3.8932, -11.3107
Hunter-Lab	96.1459, -14.7186, 10.1733

Details

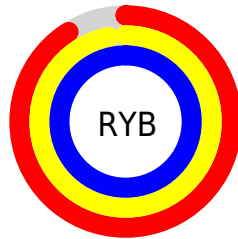
The CIELCh color **97, 11.087, 151.372** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 11.131, 332.402**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 10.997, 151.676** is the 20% darker color. If you saturate the color by 10%, you get **95, 24.490, 150.587**, and if you desaturate by 10%, it is **99, 1.999, 325.013**.

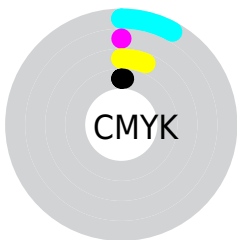
Distribution



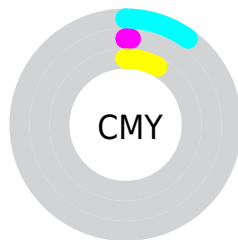
- Red (91%)
- Green (99%)
- Blue (93%)



- Red (91%)
- Yellow (97%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)





- Cyan (10%)
- Magenta (1%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 11.087, 151.372 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, 11.087, 151.372 by changing the saturation by 10% instead.


 97, 11.087,
151.372


 97, 11.087,
151.372


 100, 11.087,
151.372


 87, 11.087,
151.372

 77, 11.087,
151.372

 67, 11.087,
151.372

 57, 11.087,
151.372

 47, 11.087,
151.372

 37, 11.087,
151.372

 27, 11.087,

151.372

■ 17, 11.087,
151.372

■ 7, 11.087, 151.372

■ 97, 11.087,
151.372

■ 97, 11.087,
151.372

■ 95, 24.490,
150.587

■ 99, 1.999, 325.013

■ 99, 2.032, 324.361

■ 93, 37.838,
149.695

■ 92, 50.925,
148.665

■ 90, 63.500,
147.475

■ 89, 75.286,
146.113

■ 88, 85.998,
144.576

■ 88, 95.370,
142.888

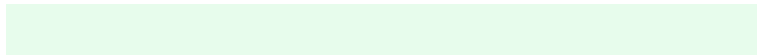
■ 87, 103.183,
141.106

■ 87, 109.308,
139.348

Harmonies

Complementary

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



97, 11.087, 151.372



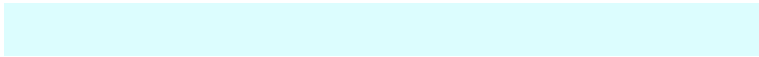
94, 11.131, 332.402

Rectangle

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



97, 11.087, 151.372



97, 11.087, 201.372



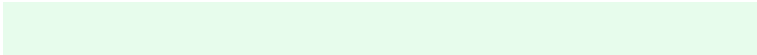
97, 11.087, 331.372



97, 11.087, 21.372

Sweetspot

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



97, 11.089, 151.371



99, 4.010, 151.798



98, 10.823, 118.741



53, 3.043, 151.724



0, 0.000, 0.000



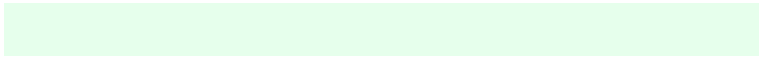
53, 0.007, 296.813

Same Dimension

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



97, 11.089, 151.371



98, 13.447, 151.245



97, 7.859, 177.614



51, 7.517, 151.284



67, 88.054, 139.410



22, 37.346, 142.203

Inverse Universe

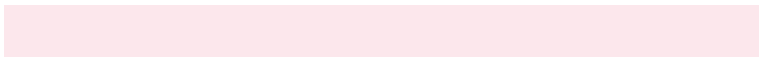
The Inverse Universe completely reimagines the original color for something new.



94, 11.131, 332.402



94, 13.499, 332.517



93, 8.077, 359.038



49, 7.546, 332.482



42, 76.739, 340.590



11, 35.484, 338.672

Previews

White Background



This preview shows how the CIE LCh color 97, 11.087, 151.372 looks on a white background.

Color Contrast Check

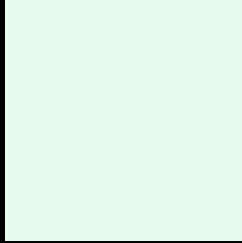
Large Text (above 18pt) WCAG AA × Fail

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, 11.087, 151.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

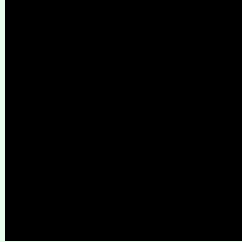
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

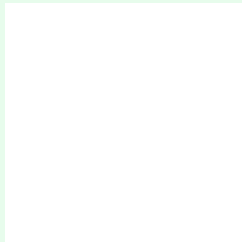
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 11.087, 151.372

Background



This preview shows how black text looks on a background with the CIELCh color 97, 11.087, 151.372.

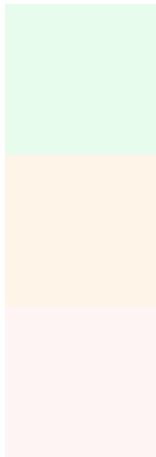


This preview shows how white text looks on a background with the CIELCh color 97, 11.087, 151.372.

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, 11.087, 151.372

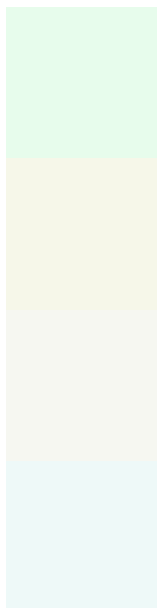
Protanopia
97, 7.361, 83.429

Deuteranopia
97, 3.905, 19.499



Tritanopia
97, 4.417, 267.541

Trichromacy



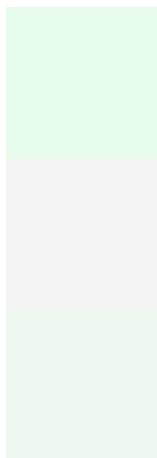
Original Color
97, 11.087, 151.372

Protanomaly
97, 7.143, 112.499

Deuteranomaly
97, 3.075, 116.531

Tritanomaly
97, 3.863, 191.717

Monochromacy



Original Color
97, 11.087, 151.372

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 4.184, 152.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 11.087, 151.372 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(231, 252, 236)` looks like.

```
.text, #text, p{  
    color:rgb(231, 252, 236)  
}
```

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(231, 252, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 252, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 11.087, 151.372 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(231, 252, 236) }
```

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

```
.border{ border-color:rgb(231, 252, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 252, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 252, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 252, 236);  
box-shadow:4px 4px 4px 4px rgb(231, 252,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 11.087, 151.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 252, 236) }
```

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

```
.background{ background-color: rgb(231,  
252, 236) }
```

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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