

Converting Colors

CIELCh(97, 12.384, 149.116)

Have a look what the booklet for
CIELCh(97, 12.384, 149.116)
contains.

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Color

CIELCh(97, 12.103, 149.368)

Conversions

Conversions Part 1

Format	Color
Hex	E6FCEA
RGB	230, 252, 234
RGB Percent	90%, 99%, 92%
CMY	0.0978, 0.0115, 0.0821
CMYK	0.09, 0.00, 0.07, 0.01
HSL	131°, 79%, 95%
HSV	131°, 9%, 99%
XYZ	82.3456, 92.4403, 91.3935
YIQ	243.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

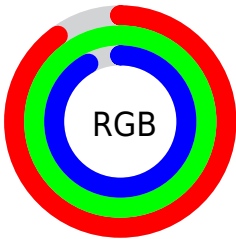
Format	Color
R _Y B	230, 249, 252
Decimal	15138026
CIE Lab	97.00, -10.41, 6.17
CIE LCh	97, 12.103, 149.368
Yxy	92.4403, 0.3094, 0.3473
Android (android.graphics.Color)	4293328106 (0xFFE6FCEA)
YUV	243.3700, -4.6194, -11.7255
Hunter-Lab	96.1459, -15.3762, 10.9427

Details

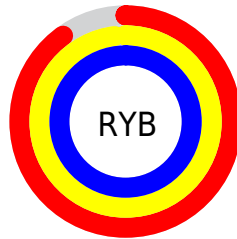
The CIELCh color **97, 12.103, 149.368** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 12.141, 330.410**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 12.062, 149.524** is the 20% darker color. If you saturate the color by 10%, you get **95, 26.092, 148.607**, and if you desaturate by 10%, it is **99, 1.699, 327.306**.

Distribution



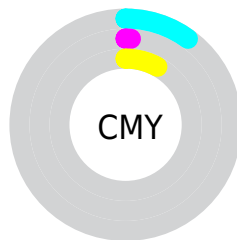
- Red (90%)
- Green (99%)
- Blue (92%)



- Red (90%)
- Yellow (98%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 12.103, 149.368 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, 12.103, 149.368 by changing the saturation by 10% instead.

 97, 12.103,
149.368

 97, 12.103,
149.368

 100, 12.103,
149.368

 87, 12.103,
149.368

 77, 12.103,
149.368

 67, 12.103,
149.368

 57, 12.103,
149.368

 47, 12.103,
149.368

 37, 12.103,
149.368

 27, 12.103,

149.368

■ 17, 12.103,
149.368

■ 7, 12.103, 149.368

■ 97, 12.103,
149.368

■ 97, 12.103,
149.368

■ 95, 26.092,
148.607

■ 99, 1.699, 327.306

■ 99, 1.826, 324.336

■ 93, 40.025,
147.736

■ 91, 53.678,
146.726

■ 90, 66.775,
145.561

■ 89, 79.005,
144.234

■ 88, 90.034,
142.757

■ 88, 99.534,
141.170

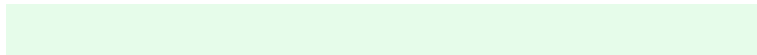
■ 87, 107.210,
139.557

■ 87, 112.864,
138.059

Harmonies

Complementary

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



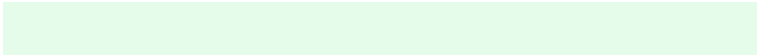
97, 12.103, 149.368



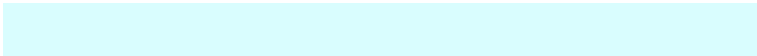
94, 12.141, 330.410

Rectangle

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



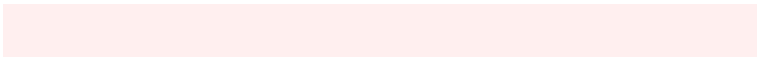
97, 12.103, 149.368



97, 12.103, 199.368



97, 12.103, 329.368



97, 12.103, 19.368

Sweetspot

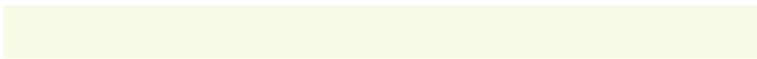
The Sweet Spot groups the original color and five complimentary colors.



97, 12.105, 149.367



99, 4.176, 149.803



98, 11.257, 116.074



53, 3.169, 149.733



0, 0.000, 0.000



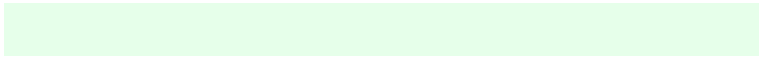
53, 0.007, 296.813

Same Dimension

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



97, 12.105, 149.367



98, 14.009, 149.275



97, 8.559, 172.950



51, 7.831, 149.312



67, 90.678, 138.170



22, 38.666, 140.705

Inverse Universe

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



94, 12.141, 330.410



94, 14.049, 330.494



93, 8.756, 354.456



49, 7.854, 330.460



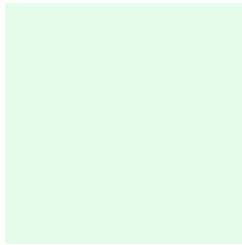
43, 79.980, 337.085



11, 36.823, 335.770

Previews

White Background



This preview shows how the CIE LCh color 97, 12.103, 149.368 looks on a white background.

Color Contrast Check

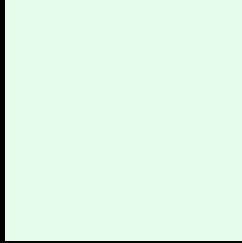
Large Text (above 18pt) WCAG AA × Fail

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, 12.103, 149.368 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

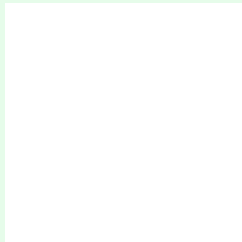
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 12.103, 149.368

Background



This preview shows how black text looks on a background with the CIELCh color 97, 12.103, 149.368.

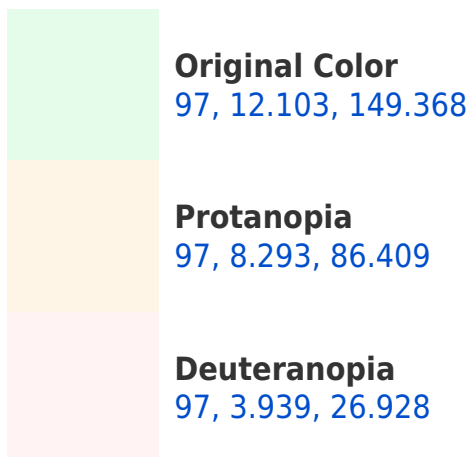


This preview shows how white text looks on a background with the CIELCh color 97, 12.103, 149.368.

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](#).

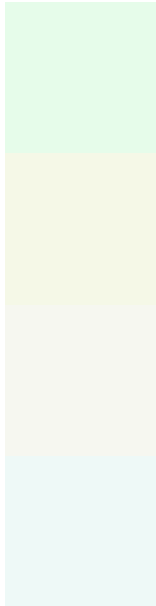
Dichromacy





Tritanopia
97, 4.417, 267.541

Trichromacy



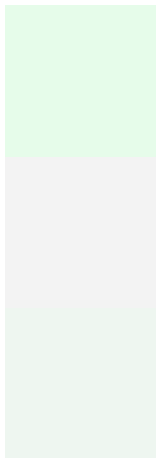
Original Color
97, 12.103, 149.368

Protanomaly
97, 8.731, 116.600

Deuteranomaly
97, 3.583, 115.566

Tritanomaly
97, 3.976, 184.413

Monochromacy



Original Color
97, 12.103, 149.368

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 4.187, 152.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 12.103, 149.368 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(230, 252, 234)` looks like.

```
.text, #text, p{  
    color:rgb(230, 252, 234)  
}
```

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(230, 252, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 252, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 12.103, 149.368 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(230, 252, 234) }
```

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

```
.border{ border-color:rgb(230, 252, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 252, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 252, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 252, 234);  
box-shadow:4px 4px 4px 4px rgb(230, 252,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 12.103, 149.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 252, 234) }
```

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

```
.background{ background-color: rgb(230,  
252, 234) }
```

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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