

Converting Colors

CIELCh(97, 2.415, 174.827)

Have a look what the booklet for
CIELCh(97, 2.415, 174.827) contains.

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Color

CIELCh(97, 2.343, 173.706)

Conversions

Conversions Part 1

Format	Color
Hex	F2F8F6
RGB	242, 248, 246
RGB Percent	95%, 97%, 96%
CMY	0.0520, 0.0285, 0.0363
CMYK	0.02, 0.00, 0.01, 0.03
HSL	160°, 29%, 96%
HSV	160°, 2%, 97%
XYZ	86.6074, 92.4403, 100.2542
YIQ	245.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

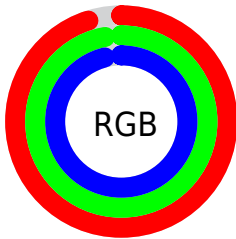
Format	Color
R _Y B	242, 246, 248
Decimal	15923446
CIE Lab	97.00, -2.33, 0.26
CIE LCh	97, 2.343, 173.706
Yxy	92.4403, 0.3101, 0.3310
Android (android.graphics.Color)	4294113526 (0xFF2F8F6)
YUV	245.9780, 0.0108, -3.4887
Hunter-Lab	96.1459, -7.4639, 5.4787

Details

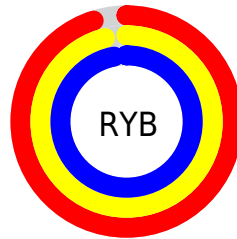
The CIELCh color **97, 2.343, 173.706** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 2.371, 353.654**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.459, 173.596** is the 20% darker color. If you saturate the color by 10%, you get **95, 11.987, 172.546**, and if you desaturate by 10%, it is **98, 4.111, 328.505**.

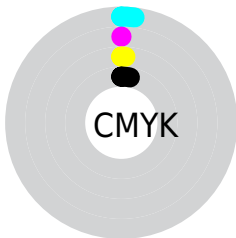
Distribution



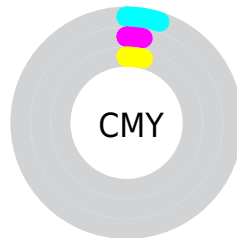
- Red (95%)
- Green (97%)
- Blue (96%)



- Red (95%)
- Yellow (96%)
- Blue (97%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.343, 173.706 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, 2.343, 173.706 by changing the saturation by 10% instead.

 97, 2.343, 173.706

 97, 2.343, 173.706

 100, 2.343,
173.706

 87, 2.343, 173.706

 77, 2.343, 173.706

 67, 2.343, 173.706

 57, 2.343, 173.706

 47, 2.343, 173.706

 37, 2.343, 173.706

 27, 2.343, 173.706

 17, 2.343, 173.706

 7, 2.343, 173.706

97, 2.343, 173.706

97, 2.343, 173.706

95, 11.987,
172.546

98, 4.111, 328.505

98, 4.519, 324.531

93, 21.434,
171.507

92, 30.543,
170.388


91, 39.153,
169.160

89, 47.097,
167.797

89, 54.225,
166.275

88, 60.419,
164.567

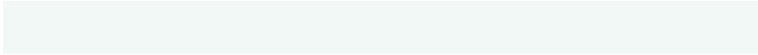
87, 65.627,
162.654

 87, 69.884,
160.532

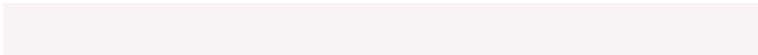
Harmonies

Complementary

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



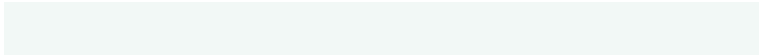
97, 2.343, 173.706



96, 2.371, 353.654

Rectangle

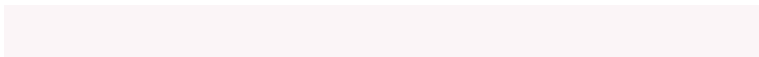
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



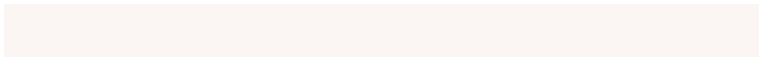
97, 2.343, 173.706



97, 2.343, 223.706



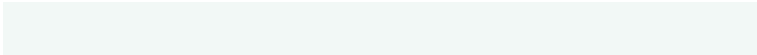
97, 2.343, 353.706



97, 2.343, 43.706

Sweetspot

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



97, 2.345, 173.676



100, 0.987, 174.138



97, 3.365, 134.088



53, 0.561, 174.172



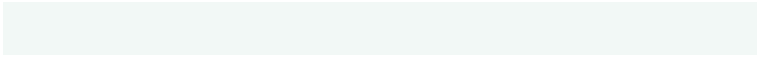
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

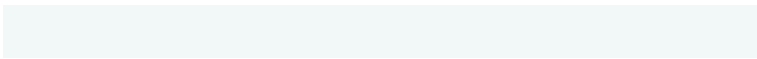
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 2.345, 173.676



99, 2.973, 173.578



97, 1.833, 214.204



52, 2.217, 173.466



68, 58.788, 159.241



22, 25.234, 162.485

Inverse Universe

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



96, 2.371, 353.654



98, 3.007, 353.752



96, 1.859, 33.505



51, 2.245, 353.866



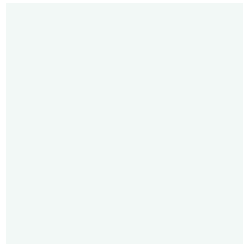
40, 68.935, 18.095



9, 30.489, 9.668

Previews

White Background



This preview shows how the CIELCh color 97, 2.343, 173.706 looks on a white background.

Color Contrast Check

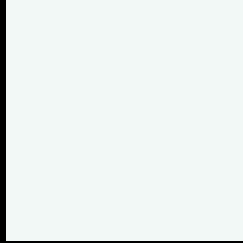
Large Text (above 18pt) WCAG AA × Fail

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, 2.343, 173.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

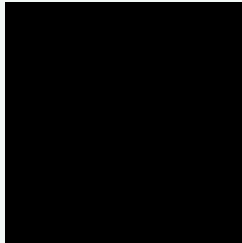
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

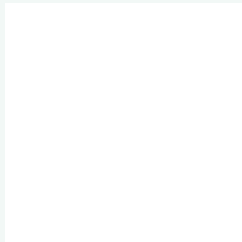
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.343, 173.706

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.343, 173.706.

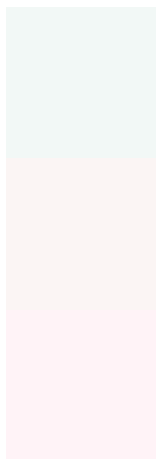


This preview shows how white text looks on a background with the CIELCh color 97, 2.343, 173.706.

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, 2.343, 173.706

Protanopia

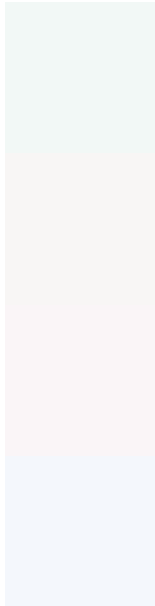
97, 2.177, 32.788

Deuteranopia

97, 4.729, 354.009

Tritanopia
97, 4.609, 290.544

Trichromacy



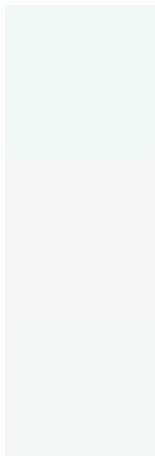
Original Color
97, 2.343, 173.706

Protanomaly
97, 0.860, 54.936

Deuteranomaly
97, 2.052, 349.337

Tritanomaly
97, 2.752, 268.169

Monochromacy



Original Color
97, 2.343, 173.706

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.170, 174.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.343, 173.706 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(242, 248, 246)` looks like.

```
.text, #text, p{  
    color:rgb(242, 248, 246)  
}
```

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(242, 248, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 248, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.343, 173.706 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(242, 248, 246) }
```

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

```
.border{ border-color:rgb(242, 248, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 248, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 248, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 248, 246);  
box-shadow:4px 4px 4px 4px rgb(242, 248,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.343, 173.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 248, 246) }
```

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

```
.background{ background-color: rgb(242,  
248, 246) }
```

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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