

Converting Colors

CIELCh(97, 1.171, 174.046)

Have a look what the booklet for
CIELCh(97, 1.171, 174.046) contains.

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Color

CIELCh(97, 1.170, 174.048)

Conversions

Conversions Part 1

Format	Color
Hex	F4F7F6
RGB	244, 247, 246
RGB Percent	96%, 97%, 96%
CMY	0.0430, 0.0312, 0.0351
CMYK	0.01, 0.00, 0.00, 0.03
HSL	160°, 16%, 96%
HSV	160°, 1%, 97%
XYZ	87.2335, 92.4403, 100.4639
YIQ	245.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

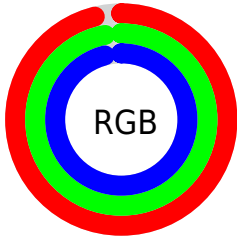
Format	Color
RYB	244, 246, 247
Decimal	16054262
CIELab	97.00, -1.16, 0.12
CIELCh	97, 1.170, 174.048
Yxy	92.4403, 0.3114, 0.3300
Android (android.graphics.Color)	4294244342 (0xFFFF4F7F6)
YUV	245.9890, 0.0054, -1.7444
Hunter-Lab	96.1459, -6.3016, 5.3494

Details

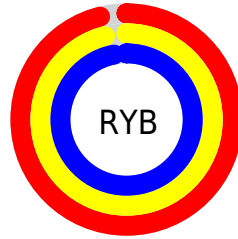
The CIELCh color **97, 1.170, 174.048** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 1.188, 353.284**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 1.229, 173.918** is the 20% darker color. If you saturate the color by 10%, you get **95, 10.809, 172.638**, and if you desaturate by 10%, it is **98, 4.662, 327.034**.

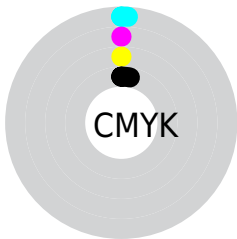
Distribution



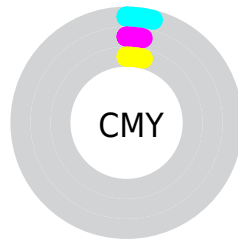
- Red (96%)
- Green (97%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 1.170, 174.048 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, 1.170, 174.048 by changing the saturation by 10% instead.

97, 1.170, 174.048

97, 1.170, 174.048

100, 1.170,
174.048

87, 1.170, 174.048

77, 1.170, 174.048

67, 1.170, 174.048

57, 1.170, 174.048

47, 1.170, 174.048

37, 1.170, 174.048

27, 1.170, 174.048

17, 1.170, 174.048

7, 1.170, 174.048

97, 1.170, 174.048

97, 1.170, 174.048

95, 10.809,
172.638

98, 4.662, 327.034

98, 4.954, 324.552

93, 20.269,
171.606

92, 29.410,
170.498


91, 38.073,
169.284

89, 46.093,
167.940

88, 53.315,
166.438

88, 59.618,
164.753

87, 64.939,
162.865

 87, 69.301,
160.768

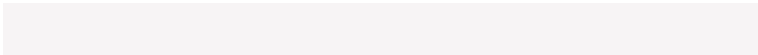
Harmonies

Complementary

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



97, 1.170, 174.048



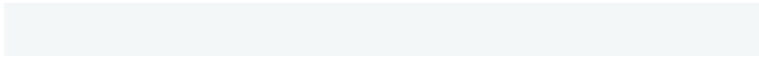
96, 1.188, 353.284

Rectangle

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



97, 1.170, 174.048



97, 1.170, 224.048



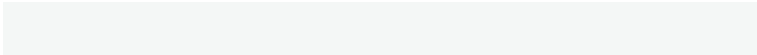
97, 1.170, 354.048



97, 1.170, 44.048

Sweetspot

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



97, 1.172, 173.987

100, 0.012, 296.813



97, 1.679, 134.196



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

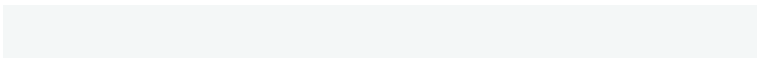
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 1.172, 173.987



100, 0.988, 174.106



97, 0.921, 214.550



51, 0.543, 174.143



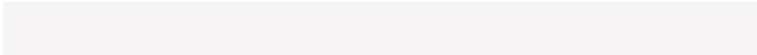
67, 58.206, 159.231



21, 24.487, 162.643

Inverse Universe

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



96, 1.188, 353.284



99, 1.003, 353.167



97, 0.926, 33.153



51, 0.551, 353.130



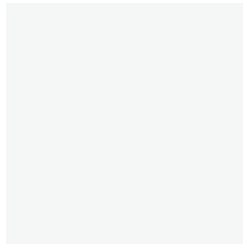
39, 68.211, 17.993



9, 29.625, 8.937

Previews

White Background



This preview shows how the CIE LCh color 97, 1.170, 174.048 looks on a white background.

Color Contrast Check

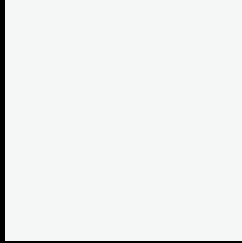
Large Text (above 18pt) WCAG AA × Fail

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, 1.170, 174.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

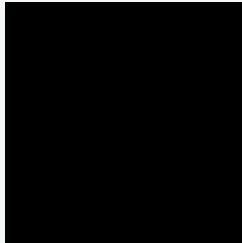
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

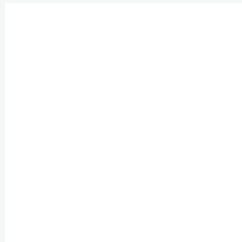
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 1.170, 174.048

Background



This preview shows how black text looks on a background with the CIELCh color 97, 1.170, 174.048.

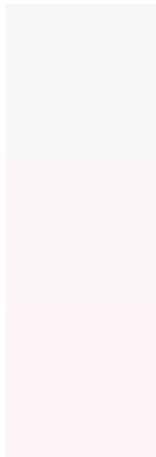


This preview shows how white text looks on a background with the CIELCh color 97, 1.170, 174.048.

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, 1.170, 174.048

Protanopia

97, 2.121, 19.242

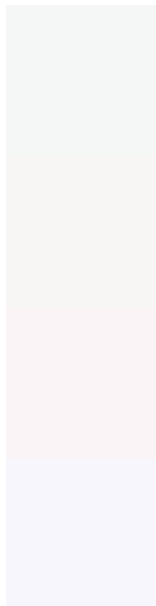
Deuteranopia

97, 4.729, 354.009



Tritanopia
97, 5.180, 298.262

Trichromacy



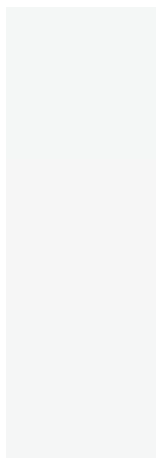
Original Color
97, 1.170, 174.048

Protanomaly
97, 0.860, 54.936

Deuteranomaly
97, 2.924, 347.757

Tritanomaly
97, 3.077, 290.436

Monochromacy



Original Color
97, 1.170, 174.048

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.350, 201.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 1.170, 174.048 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(244, 247, 246)` looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 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(244, 247, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 1.170, 174.048 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(244, 247, 246) }
```

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

```
.border{ border-color:rgb(244, 247, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 246);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 1.170, 174.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 246) }
```

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

```
.background{ background-color: rgb(244,  
247, 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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