

Converting Colors

CIE LCh(97, 1.010, 110.026)

Have a look what the booklet for
CIELCh(97, 1.010, 110.026) contains.

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Color

CIELCh(97, 1.010, 110.026)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F6F6F4 |
| RGB | 246, 246, 244 |
| RGB Percent | 96%, 96%, 96% |
| CMY | 0.0334, 0.0334, 0.0413 |
| CMYK | 0.00, 0.00, 0.01, 0.03 |
| HSL | 60°, 11%, 96% |
| HSV | 60°, 1%, 97% |
| XYZ | 87.6747, 92.4403, 99.1882 |
| YIQ | 245.7720, 0.6420, -0.6220 |

Conversions

Conversions Part 2

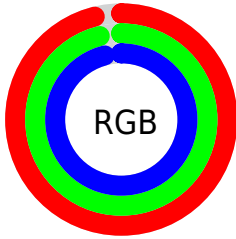
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 246, 244 |
| Decimal | 16185076 |
| CIELab | 97.00, -0.35, 0.95 |
| CIELCh | 97, 1.010, 110.026 |
| Yxy | 92.4403, 0.3139, 0.3310 |
| Android (android.graphics.Color) | 4294375156 (0xFFFF6F6F4) |
| YUV | 245.7720, -0.8736, 0.2000 |
| Hunter-Lab | 96.1459, -5.4825, 6.1360 |

Details

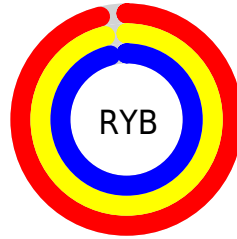
The CIELCh color **97, 1.010, 110.026** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 1.036, 290.413**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 1.063, 110.021** is the 20% darker color. If you saturate the color by 10%, you get **96, 13.574, 109.214**, and if you desaturate by 10%, it is **97, 4.362, 290.747**.

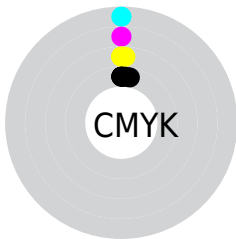
Distribution



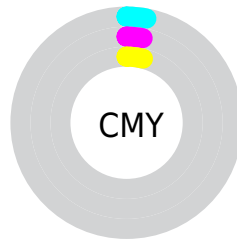
- Red (96%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 1.010, 110.026 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, 1.010, 110.026 by changing the saturation by 10% instead.

97, 1.010, 110.026

97, 1.010, 110.026

100, 1.010,
110.026

87, 1.010, 110.026

77, 1.010, 110.026

67, 1.010, 110.026

57, 1.010, 110.026

47, 1.010, 110.026

37, 1.010, 110.026

27, 1.010, 110.026

17, 1.010, 110.026

7, 1.010, 110.026

97, 1.010, 110.026

97, 1.010, 110.026

96, 13.574,
109.214

97, 4.362, 290.747

96, 26.046,
108.241

97, 4.363, 290.989

95, 38.330,
107.272

97, 4.363, 291.230

95, 50.277,
106.330

97, 4.364, 291.713

95, 61.649,
105.439

97, 4.365, 291.954

95, 72.092,
104.633

97, 4.367, 292.437

94, 81.104,
103.951

97, 4.368, 292.678

94, 88.082,
103.436

■ 94, 92.508,
103.119

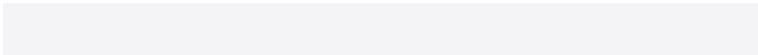
Harmonies

Complementary

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



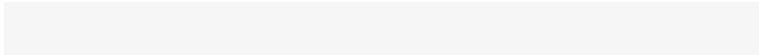
97, 1.010, 110.026



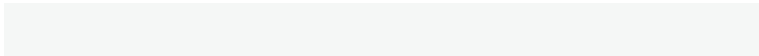
96, 1.036, 290.413

Rectangle

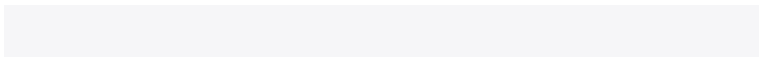
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



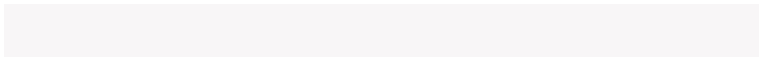
97, 1.010, 110.026



97, 1.010, 160.026



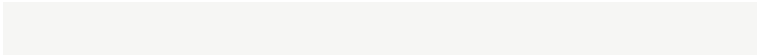
97, 1.010, 290.026



97, 1.010, 340.026

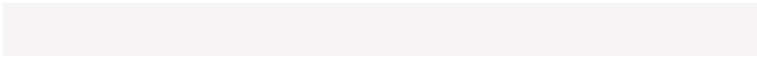
Sweetspot

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



97, 1.012, 110.112

100, 0.012, 296.813



97, 0.708, 18.545



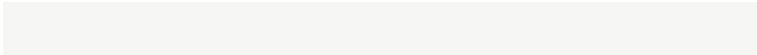
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

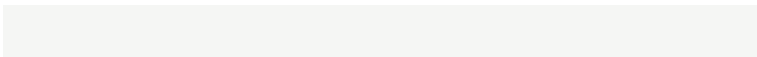
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 1.012, 110.112



100, 1.282, 110.108



97, 1.076, 129.162



51, 0.705, 110.110



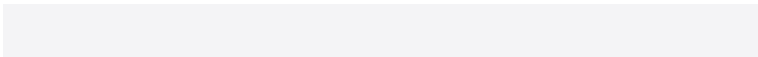
73, 76.502, 102.986



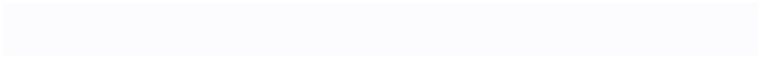
24, 33.185, 103.298

Inverse Universe

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



96, 1.036, 290.413



99, 1.308, 290.417



96, 1.099, 308.978



51, 0.719, 290.416



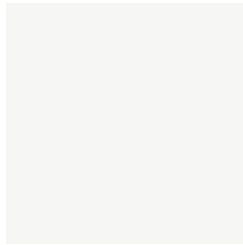
22, 105.622, 306.293



3, 39.911, 299.820

Previews

White Background



This preview shows how the CIE LCh color 97, 1.010, 110.026 looks on a white background.

Color Contrast Check

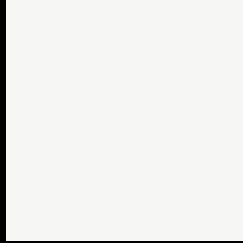
Large Text (above 18pt) WCAG AA × Fail

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, 1.010, 110.026 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

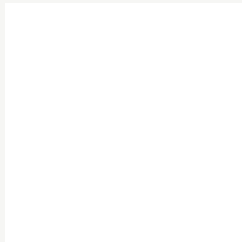
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 1.010, 110.026

Background



This preview shows how black text looks on a background with the CIELCh color 97, 1.010, 110.026.

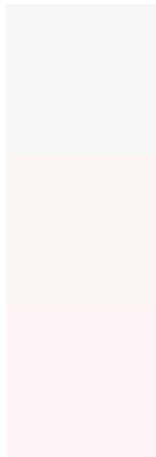


This preview shows how white text looks on a background with the CIELCh color 97, 1.010, 110.026.

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, 1.010, 110.026

Protanopia

97, 2.177, 32.788

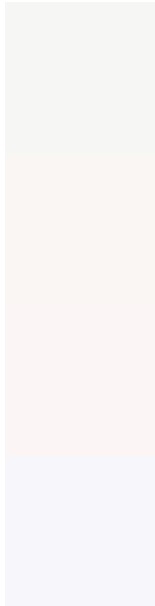
Deuteranopia

97, 4.037, 4.883



Tritanopia
97, 5.242, 302.017

Trichromacy



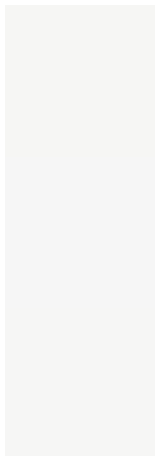
Original Color
97, 1.010, 110.026

Protanomaly
97, 1.456, 63.332

Deuteranomaly
97, 2.476, 19.309

Tritanomaly
97, 2.594, 298.124

Monochromacy



Original Color
97, 1.010, 110.026

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.500, 109.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 1.010, 110.026 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(246, 246, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 244)  
}
```

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(246, 246, 244) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 97, 1.010, 110.026 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(246, 246, 244) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 97, 1.010, 110.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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