

Converting Colors

CIELCh(97, 2.090, 289.583)

Have a look what the booklet for
CIELCh(97, 2.090, 289.583) contains.

CIELCh(97, 2.055, 290.370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(97, 2.055, 290.370)

Conversions

Conversions Part 1

Format	Color
Hex	F6F6FA
RGB	246, 246, 250
RGB Percent	96%, 96%, 98%
CMY	0.0351, 0.0351, 0.0194
CMYK	0.02, 0.02, 0.00, 0.02
HSL	240°, 29%, 97%
HSV	240°, 2%, 98%
XYZ	88.2494, 92.4403, 103.6672
YIQ	246.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

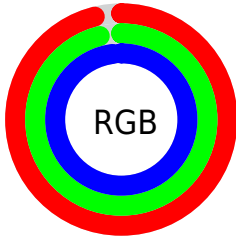
Format	Color
R _Y B	246, 246, 250
Decimal	16185082
CIE Lab	97.00, 0.72, -1.93
CIE LCh	97, 2.055, 290.370
Yxy	92.4403, 0.3103, 0.3251
Android (android.graphics.Color)	4294375162 (0xFFFF6F6FA)
YUV	246.4560, 1.7472, -0.3999
Hunter-Lab	96.1459, -4.4155, 3.3740

Details

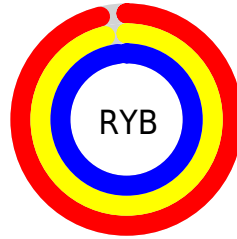
The CIELCh color **97, 2.055, 290.370** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 2.023, 109.945**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.154, 290.405** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.114, 291.371**, and if you desaturate by 10%, it is **100, 2.503, 109.960**.

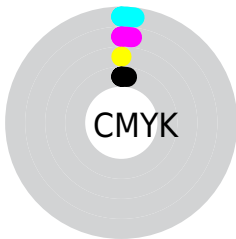
Distribution



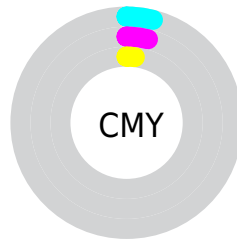
- Red (96%)
- Green (96%)
- Blue (98%)



- Red (96%)
- Yellow (96%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.055, 290.370 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, 2.055, 290.370 by changing the saturation by 10% instead.

97, 2.055, 290.370

97, 2.055, 290.370

100, 2.055,
290.370

87, 2.055, 290.370

77, 2.055, 290.370

67, 2.055, 290.370

57, 2.055, 290.370

47, 2.055, 290.370

37, 2.055, 290.370

27, 2.055, 290.370

17, 2.055, 290.370

7, 2.055, 290.370

97, 2.055, 290.370

97, 2.055, 290.370

89, 15.114,
291.371

100, 2.503,
109.960

81, 28.728,
292.638

73, 42.937,
294.133

65, 57.764,
295.880

57, 73.169,
297.877

49, 88.919,
300.069

42, 104.339,
302.301

37, 117.968,
304.291

■ 33,127.593,
305.680

Harmonies

Complementary

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



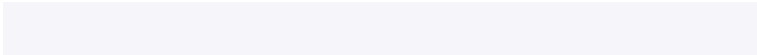
97, 2.055, 290.370



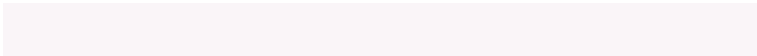
98, 2.023, 109.945

Rectangle

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



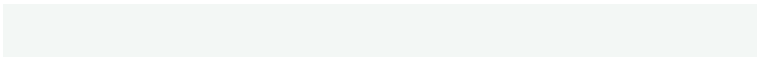
97, 2.055, 290.370



97, 2.055, 340.370



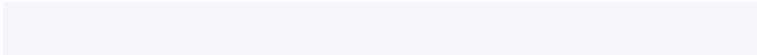
97, 2.055, 110.370



97, 2.055, 160.370

Sweetspot

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



97, 2.053, 290.330

100, 0.012, 296.813



98, 1.395, 198.387



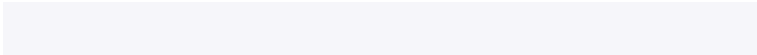
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

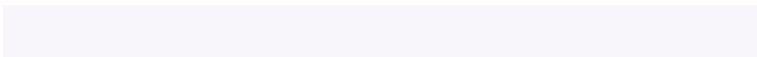
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 2.053, 290.330



98, 2.606, 290.362



97, 2.172, 308.494



51, 1.458, 290.354



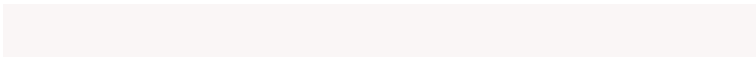
23, 106.661, 306.275



3, 41.995, 300.790

Inverse Universe

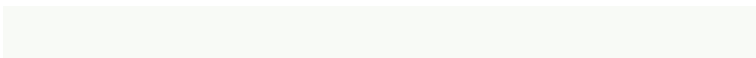
The Inverse Universe completely reimagines the original color for something new.



97, 1.411, 18.955



99, 1.795, 19.072



98, 2.145, 128.476



52, 1.003, 19.046



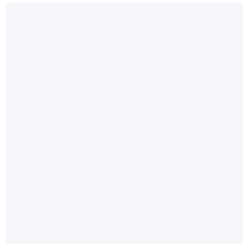
39, 83.342, 39.958



9, 32.188, 26.098

Previews

White Background



This preview shows how the CIE LCh color 97, 2.055, 290.370 looks on a white background.

Color Contrast Check

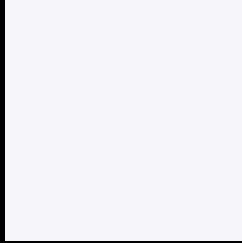
Large Text (above 18pt) WCAG AA × Fail

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, 2.055, 290.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

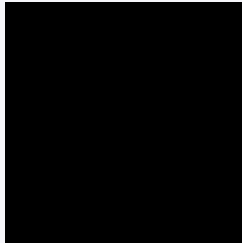
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

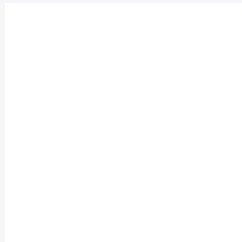
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.055, 290.370

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.055, 290.370.

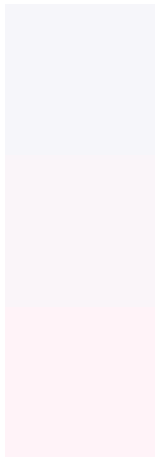


This preview shows how white text looks on a background with the CIELCh color 97, 2.055, 290.370.

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, 2.055, 290.370

Protanopia

97, 2.719, 330.519

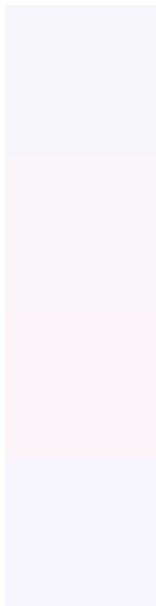
Deuteranopia

97, 4.971, 348.712



Tritanopia
97, 5.180, 298.262

Trichromacy



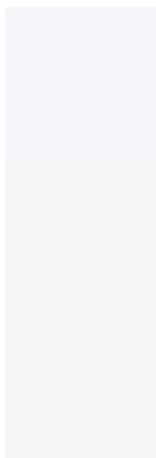
Original Color
97, 2.055, 290.370

Protanomaly
97, 2.503, 324.409

Deuteranomaly
97, 3.828, 337.605

Tritanomaly
97, 4.169, 300.099

Monochromacy



Original Color
97, 2.055, 290.370

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.522, 290.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.055, 290.370 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 246, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.055, 290.370 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, 250) }
```

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

```
.border{ border-color:rgb(246, 246, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 246,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.055, 290.370 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, 250) }
```

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

```
.background{ background-color: rgb(246,  
246, 250) }
```

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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