

Converting Colors

CIELCh(97, 2.470, 312.539)

Have a look what the booklet for
CIELCh(97, 2.470, 312.539) contains.

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Color

CIELCh(97, 2.786, 312.503)

Conversions

Conversions Part 1

Format	Color
Hex	F8F5FA
RGB	248, 245, 250
RGB Percent	97%, 96%, 98%
CMY	0.0262, 0.0379, 0.0183
CMYK	0.01, 0.02, 0.00, 0.02
HSL	276°, 35%, 97%
HSV	276°, 2%, 98%
XYZ	88.8843, 92.4403, 103.8688
YIQ	246.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

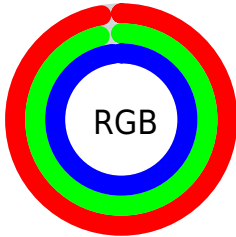
Format	Color
R _Y B	248, 245, 250
Decimal	16315898
CIE Lab	97.00, 1.88, -2.05
CIE LCh	97, 2.786, 312.503
Yxy	92.4403, 0.3117, 0.3241
Android (android.graphics.Color)	4294505978 (0xFF8F5FA)
YUV	246.4670, 1.7418, 1.3444
Hunter-Lab	96.1459, -3.2368, 3.2496

Details

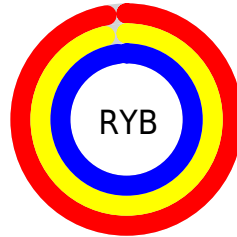
The CIELCh color **97, 2.786, 312.503** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 2.756, 132.455**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.922, 312.538** is the 20% darker color. If you saturate the color by 10%, you get **90, 16.898, 312.974**, and if you desaturate by 10%, it is **100, 2.358, 109.969**.

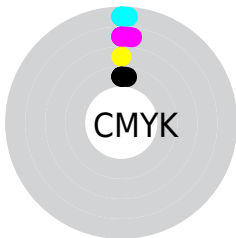
Distribution



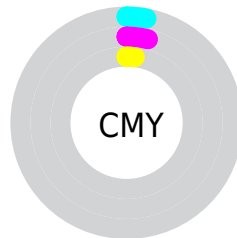
- Red (97%)
- Green (96%)
- Blue (98%)



- Red (97%)
- Yellow (96%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.786, 312.503 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, 2.786, 312.503 by changing the saturation by 10% instead.

97, 2.786, 312.503

97, 2.786, 312.503

100, 2.786,
312.503

87, 2.786, 312.503

77, 2.786, 312.503

67, 2.786, 312.503

57, 2.786, 312.503

47, 2.786, 312.503

37, 2.786, 312.503

27, 2.786, 312.503

17, 2.786, 312.503

7, 2.786, 312.503

97, 2.786, 312.503

97, 2.786, 312.503

90, 16.898,
312.974

100, 2.358,
109.969

83, 31.345,
313.434

77, 46.019,
313.905

70, 60.732,
314.367

64, 75.166,
314.788

58, 88.827,
315.116

53, 101.009,
315.282

48, 110.843,
315.197

■ 45,117.516,
314.772

Harmonies

Complementary

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



97, 2.786, 312.503



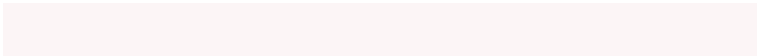
98, 2.756, 132.455

Rectangle

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



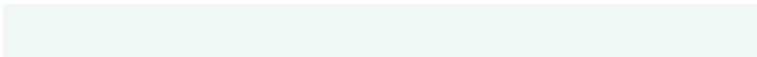
97, 2.786, 312.503



97, 2.786, 2.503



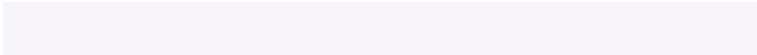
97, 2.786, 132.503



97, 2.786, 182.503

Sweetspot

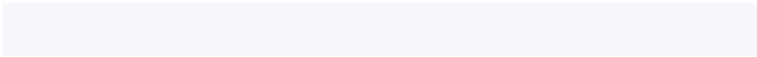
The Sweet Spot groups the original color and five complimentary colors.



97, 2.783, 312.492



99, 1.419, 312.388



97, 1.655, 264.341



53, 0.807, 312.379



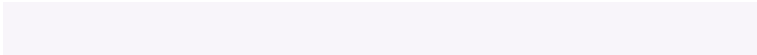
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

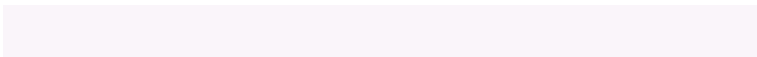
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 2.783, 312.492



99, 2.831, 312.492



97, 2.949, 326.776



52, 1.583, 312.484



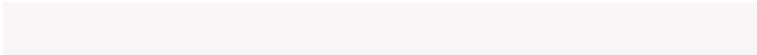
32, 97.422, 314.384



7, 43.216, 315.599

Inverse Universe

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



97, 2.050, 349.317



99, 2.085, 349.318



98, 2.929, 146.770



52, 1.166, 349.295



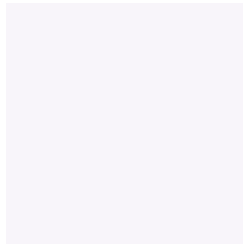
40, 67.636, 11.725



10, 30.486, 4.383

Previews

White Background



This preview shows how the CIELCh color 97, 2.786, 312.503 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, 2.786, 312.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

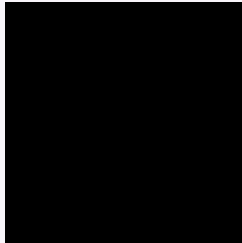
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

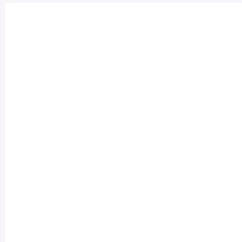
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.786, 312.503

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.786, 312.503.

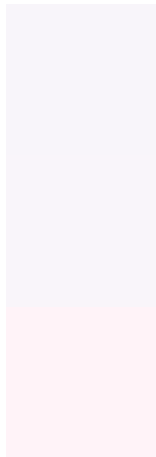


This preview shows how white text looks on a background with the CIELCh color 97, 2.786, 312.503.

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, 2.786, 312.503

Protanopia

97, 2.940, 318.817

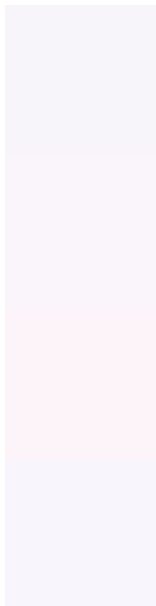
Deuteranopia

97, 4.971, 348.712



Tritanopia
97, 5.242, 302.017

Trichromacy



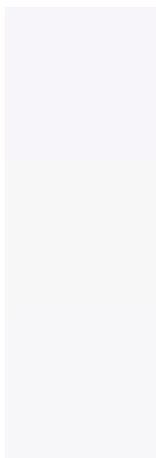
Original Color
97, 2.786, 312.503

Protanomaly
97, 2.940, 318.817

Deuteranomaly
97, 4.096, 340.940

Tritanomaly
97, 4.246, 304.728

Monochromacy



Original Color
97, 2.786, 312.503

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.096, 308.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.786, 312.503 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(248, 245, 250)` looks like.

```
.text, #text, p{  
    color:rgb(248, 245, 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(248, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.786, 312.503 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(248, 245, 250) }
```

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

```
.border{ border-color:rgb(248, 245, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 245, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(248, 245,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.786, 312.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 245, 250) }
```

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

```
.background{ background-color: rgb(248,  
245, 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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