

Converting Colors

CIELCh(97, 12.028, 291.616)

Have a look what the booklet for
CIELCh(97, 12.028, 291.616)
contains.

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Color

CIELCh(97, 5.656, 294.123)

Conversions

Conversions Part 1

Format	Color
Hex	F6F5FF
RGB	246, 245, 255
RGB Percent	96%, 96%, 100%
CMY	0.0341, 0.0380, 0.0000
CMYK	0.03, 0.04, 0.00, 0.00
HSL	246°, 100%, 98%
HSV	246°, 4%, 100%
XYZ	89.1186, 92.4403, 108.8661
YIQ	246.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

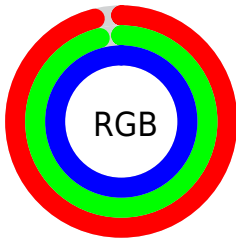
Format	Color
R _Y B	246, 245, 255
Decimal	16184831
CIE Lab	97.00, 2.31, -5.16
CIE LCh	97, 5.656, 294.123
Yxy	92.4403, 0.3069, 0.3183
Android (android.graphics.Color)	4294374911 (0xFF6F5FF)
YUV	246.4390, 4.2206, -0.3850
Hunter-Lab	96.1459, -2.8017, 0.1680

Details

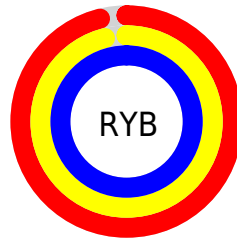
The CIELCh color **97, 5.656, 294.123** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **100, 4.921, 113.909**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.860, 294.913** is the 20% darker color. If you saturate the color by 10%, you get **89, 18.429, 295.459**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

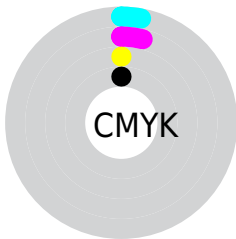
Distribution



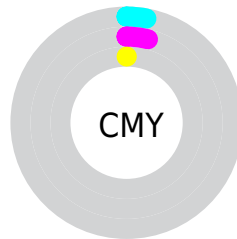
- Red (96%)
- Green (96%)
- Blue (100%)



- Red (96%)
- Yellow (96%)
- Blue (100%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.656, 294.123 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, 5.656, 294.123 by changing the saturation by 10% instead.

 97, 5.656, 294.123

 97, 5.656, 294.123

100, 5.656,
294.123

 87, 5.656, 294.123

 77, 5.656, 294.123

 67, 5.656, 294.123

 57, 5.656, 294.123

 47, 5.656, 294.123

 37, 5.656, 294.123

 27, 5.656, 294.123

 17, 5.656, 294.123

 7, 5.656, 294.123

97, 5.656, 294.123

97, 5.656, 294.123

89, 18.429,
295.459

100, 0.012,
296.813

81, 32.434,
296.535

73, 47.024,
297.785

65, 62.186,
299.218

57, 77.809,
300.815

50, 93.558,
302.515

43, 108.636,
304.171

38, 121.528,
305.542

■ 34, 130.194,
306.338

Harmonies

Complementary

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



97, 5.656, 294.123



100, 4.921, 113.909

Rectangle

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



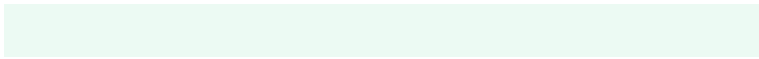
97, 5.656, 294.123



97, 5.656, 344.123



97, 5.656, 114.123



97, 5.656, 164.123

Sweetspot

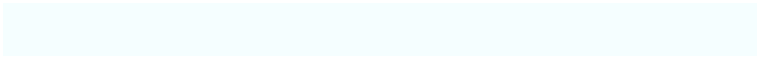
The Sweet Spot groups the original color and five complimentary colors.



97, 4.983, 294.541



99, 1.312, 294.325



99, 3.050, 208.749



53, 0.746, 294.322



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, 4.983, 294.541



96, 6.567, 294.643



97, 5.384, 312.608



51, 4.485, 294.704



23, 107.201, 306.620



4, 44.365, 303.771

Inverse Universe

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



98, 5.623, 327.521



97, 7.402, 327.606



99, 5.342, 132.360



51, 5.052, 327.652



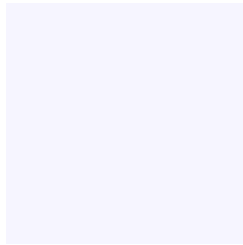
44, 85.848, 332.817



12, 39.880, 332.210

Previews

White Background



This preview shows how the CIE LCh color 97, 5.656, 294.123 looks on a white background.

Color Contrast Check

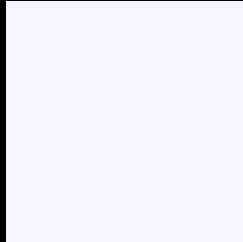
Large Text (above 18pt) WCAG AA × Fail

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, 5.656, 294.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

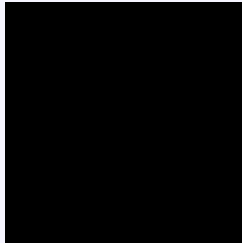
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 5.656, 294.123

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.656, 294.123.

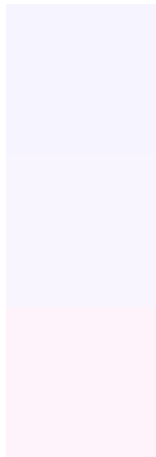


This preview shows how white text looks on a background with the CIELCh color 97, 5.656, 294.123.

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, 5.141, 294.439

Protanopia

97, 5.242, 302.017

Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 5.180, 298.262

Trichromacy



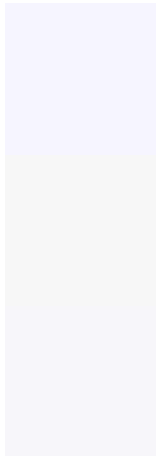
Original Color
97, 5.141, 294.439

Protanomaly
97, 5.180, 298.262

Deuteranomaly
97, 4.992, 324.556

Tritanomaly
97, 5.180, 298.262

Monochromacy



Original Color
97, 5.141, 294.439

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.089, 299.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.656, 294.123 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, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 245, 255)  
}
```

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, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 245, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.656, 294.123 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, 245, 255) }
```

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

```
.border{ border-color:rgb(246, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 245,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.656, 294.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 245, 255) }
```

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

```
.background{ background-color: rgb(246,  
245, 255) }
```

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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