

Converting Colors

CIELCh(95, 3.967, 311.722)

Have a look what the booklet for
CIELCh(95, 3.967, 311.722) contains.

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Color

CIELCh(95, 3.886, 311.601)

Conversions

Conversions Part 1

Format	Color
Hex	F3EFF6
RGB	243, 239, 246
RGB Percent	95%, 94%, 96%
CMY	0.0462, 0.0619, 0.0344
CMYK	0.01, 0.03, 0.00, 0.03
HSL	274°, 28%, 95%
HSV	274°, 3%, 97%
XYZ	84.6331, 87.6183, 99.8135
YIQ	240.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

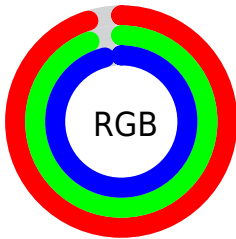
Format	Color
RYB	243, 239, 246
Decimal	15986678
CIELab	95.00, 2.58, -2.91
CIELCh	95, 3.886, 311.601
Yxy	87.6183, 0.3111, 0.3220
Android (android.graphics.Color)	4294176758 (0xFFFF3EFF6)
YUV	240.9940, 2.4680, 1.7593
Hunter-Lab	93.6047, -2.4165, 2.3005

Details

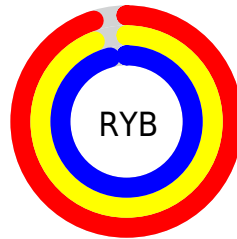
The CIELCh color **95, 3.886, 311.601** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 3.850, 131.441**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 4.081, 311.643** is the 20% darker color. If you saturate the color by 10%, you get **88, 17.754, 312.063**, and if you desaturate by 10%, it is **100, 4.469, 115.389**.

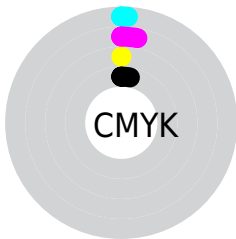
Distribution



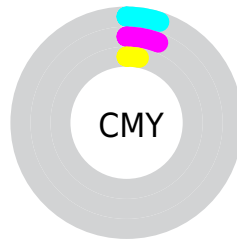
- Red (95%)
- Green (94%)
- Blue (96%)



- Red (95%)
- Yellow (94%)
- Blue (96%)



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



- Cyan (5%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 3.886, 311.601 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 95, 3.886, 311.601 by changing the saturation by 10% instead.

95, 3.886, 311.601

95, 3.886, 311.601

100, 3.886,
311.601

85, 3.886, 311.601

75, 3.886, 311.601

65, 3.886, 311.601

55, 3.886, 311.601

45, 3.886, 311.601

35, 3.886, 311.601

25, 3.886, 311.601

15, 3.886, 311.601

5, 3.886, 311.601

95, 3.886, 311.601

95, 3.886, 311.601

88, 17.754,
312.063

100, 4.469,
115.389

81, 31.963,
312.535

100, 4.443,
109.829

75, 46.412,
313.021

68, 60.919,
313.502

62, 75.175,
313.943

56, 88.690,
314.292

51, 100.752,
314.474

47, 110.473,
314.393

■ 43,117.018,
313.955

Harmonies

Complementary

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



95, 3.886, 311.601



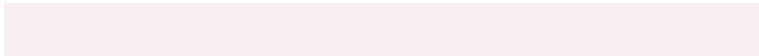
96, 3.850, 131.441

Rectangle

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



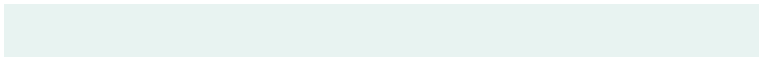
95, 3.886, 311.601



95, 3.886, 1.601



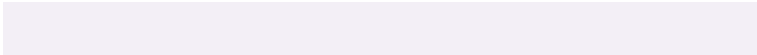
95, 3.886, 131.601



95, 3.886, 181.601

Sweetspot

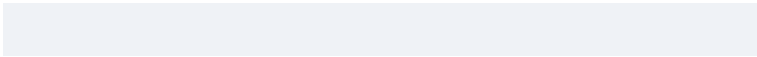
The Sweet Spot groups the original color and five complimentary colors.



95, 3.883, 311.593



99, 1.409, 311.438



95, 2.286, 262.799



53, 0.802, 311.430



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 3.883, 311.593



98, 4.218, 311.602



95, 4.190, 326.370



50, 3.094, 311.643



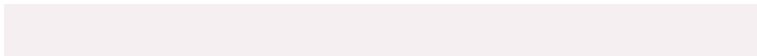
31, 97.014, 313.632



6, 41.620, 314.595

Inverse Universe

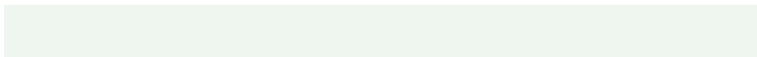
The Inverse Universe completely reimagines the original color for something new.



95, 2.935, 347.750



98, 3.187, 347.774



96, 4.170, 146.198



50, 2.339, 347.878



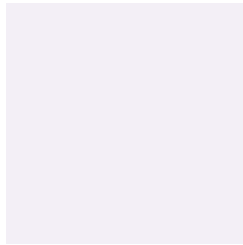
40, 66.705, 8.899



9, 29.764, 1.616

Previews

White Background



This preview shows how the CIELCh color 95, 3.886, 311.601 looks on a white background.

Color Contrast Check

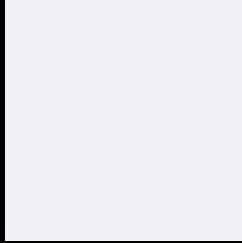
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 3.886, 311.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

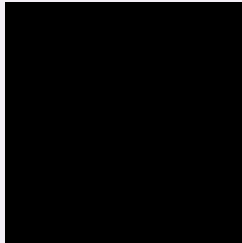
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

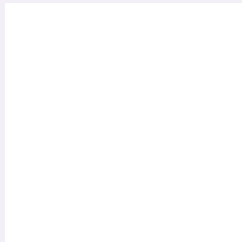
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.886, 311.601

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.886, 311.601.

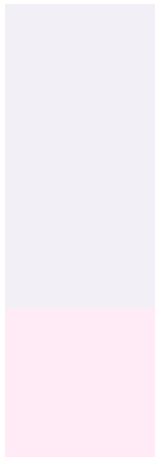


This preview shows how white text looks on a background with the CIELCh color 95, 3.886, 311.601.

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

95, 3.886, 311.601

Protanopia

95, 3.886, 311.601

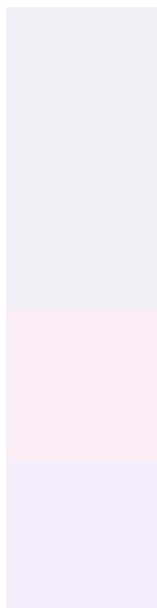
Deuteranopia

95, 8.787, 344.253



Tritanopia
95, 9.018, 304.126

Trichromacy



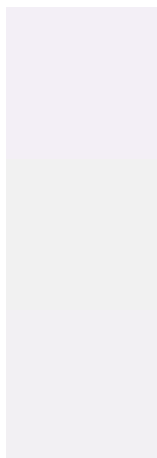
Original Color
95, 3.886, 311.601

Protanomaly
95, 3.886, 311.601

Deuteranomaly
95, 6.465, 340.356

Tritanomaly
95, 7.528, 306.787

Monochromacy



Original Color
95, 3.886, 311.601

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.712, 314.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 3.886, 311.601 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(243, 239, 246)` looks like.

```
.text, #text, p{  
    color:rgb(243, 239, 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(243, 239, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 239, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.886, 311.601 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(243, 239, 246) }
```

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

```
.border{ border-color:rgb(243, 239, 246) }
```

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

Here you see how a box with a 4 pixel rgb(243, 239, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 239, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 239, 246);  
box-shadow:4px 4px 4px 4px rgb(243, 239,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.886, 311.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 239, 246) }
```

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

```
.background{ background-color: rgb(243,  
239, 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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