

Converting Colors

CIELCh(95, 9.789, 310.340)

Have a look what the booklet for
CIELCh(95, 9.789, 310.340) contains.

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Color

CIELCh(95, 9.931, 311.271)

Conversions

Conversions Part 1

Format	Color
Hex	F7EDFF
RGB	247, 237, 255
RGB Percent	97%, 93%, 100%
CMY	0.0311, 0.0703, 0.0000
CMYK	0.03, 0.07, 0.00, 0.00
HSL	273°, 100%, 96%
HSV	273°, 7%, 100%
XYZ	86.7463, 87.6183, 107.0049
YIQ	242.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

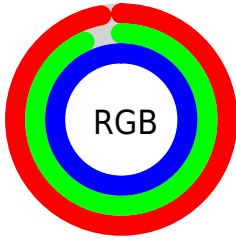
Format	Color
R_YB	247, 237, 255
Decimal	16248319
CIE Lab	95.00, 6.55, -7.46
CIE LCh	95, 9.931, 311.271
Yxy	87.6183, 0.3083, 0.3114
Android (android.graphics.Color)	4294438399 (0xFF7EDFF)
YUV	242.0420, 6.3883, 4.3482
Hunter-Lab	93.6047, 1.6132, -2.2546

Details

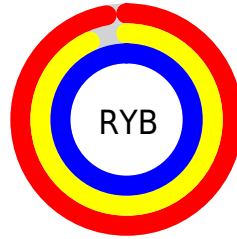
The CIELCh color **95, 9.931, 311.271** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 9.797, 130.772**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.928, 312.434** is the 20% darker color. If you saturate the color by 10%, you get **88, 24.282, 311.806**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

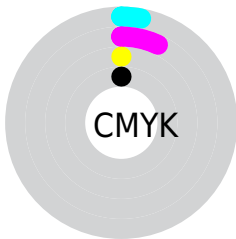
Distribution



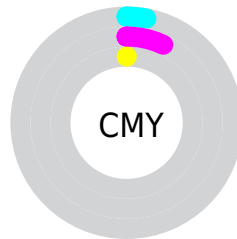
- Red (97%)
- Green (93%)
- Blue (100%)



- Red (97%)
- Yellow (93%)
- Blue (100%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.931, 311.271 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, 9.931, 311.271 by changing the saturation by 10% instead.

 95, 9.931, 311.271

 95, 9.931, 311.271

 100, 9.931,
311.271

 85, 9.931, 311.271

 75, 9.931, 311.271

 65, 9.931, 311.271

 55, 9.931, 311.271

 45, 9.931, 311.271

 35, 9.931, 311.271

 25, 9.931, 311.271

 15, 9.931, 311.271

 5, 9.931, 311.271

95, 9.931, 311.271

95, 9.931, 311.271

88, 24.282,
311.806

100, 0.012,
296.813

81, 38.994,
312.293

74, 53.902,
312.791

67, 68.777,
313.273

61, 83.233,
313.699

55, 96.673,
314.004

50, 108.265,
314.103

46, 117.051,
313.891

■ 43,122.329,
313.284

Harmonies

Complementary

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



95, 9.931, 311.271



99, 9.797, 130.772

Rectangle

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



95, 9.931, 311.271



95, 9.931, 1.271



95, 9.931, 131.271



95, 9.931, 181.271

Sweetspot

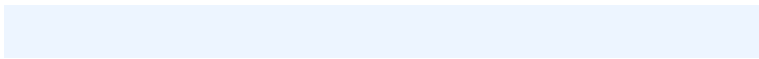
The Sweet Spot groups the original color and five complimentary colors.



95, 9.895, 311.339



99, 2.803, 311.081



96, 5.717, 261.629



53, 1.594, 311.074



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, 9.895, 311.339



94, 11.274, 311.384



96, 10.808, 326.176



49, 8.028, 311.454



32, 99.291, 313.260



7, 44.801, 314.477

Inverse Universe

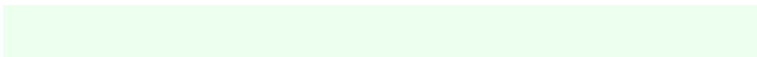
The Inverse Universe completely reimagines the original color for something new.



95, 7.575, 347.427



95, 8.632, 347.524



98, 10.786, 145.421



50, 6.147, 347.673



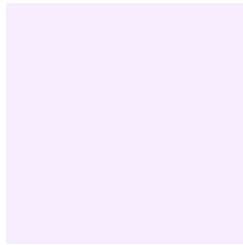
41, 68.011, 7.678



10, 31.447, 1.218

Previews

White Background



This preview shows how the CIE LCh color 95, 9.931, 311.271 looks on a white background.

Color Contrast Check

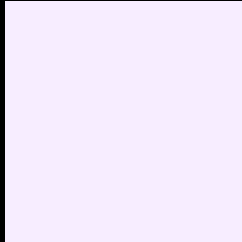
Large Text (above 18pt) WCAG AA × Fail

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 95, 9.931, 311.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

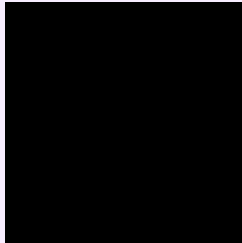
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

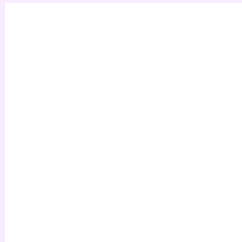
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.931, 311.271

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.931, 311.271.



This preview shows how white text looks on a background with the CIELCh color 95, 9.931, 311.271.

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, 9.931, 311.271

Protanopia

95, 8.243, 293.212

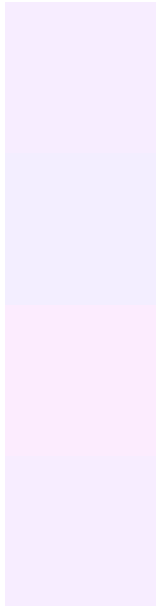
Deuteranopia

95, 12.064, 326.225



Tritanopia
95, 9.931, 311.271

Trichromacy



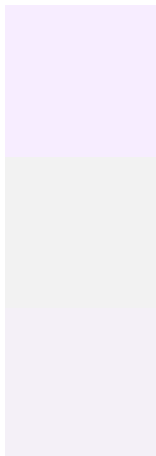
Original Color
95, 9.931, 311.271

Protanomaly
95, 8.941, 301.971

Deuteranomaly
95, 10.859, 321.717

Tritanomaly
95, 9.931, 311.271

Monochromacy



Original Color
95, 9.931, 311.271

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.883, 311.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.931, 311.271 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(247, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 237, 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(247, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 237, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.931, 311.271 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(247, 237, 255) }
```

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

```
.border{ border-color:rgb(247, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 237,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.931, 311.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 237, 255) }
```

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

```
.background{ background-color: rgb(247,  
237, 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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