

Converting Colors

CIELCh(95, 5.519, 312.370)

Have a look what the booklet for
CIELCh(95, 5.519, 312.370) contains.

CIELCh(95, 4.973, 311.106)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 4.973, 311.106)

Conversions

Conversions Part 1

Format	Color
Hex	F4EFF8
RGB	244, 239, 248
RGB Percent	96%, 94%, 97%
CMY	0.0437, 0.0633, 0.0280
CMYK	0.02, 0.04, 0.00, 0.03
HSL	273°, 39%, 95%
HSV	273°, 4%, 97%
XYZ	84.9976, 87.6183, 101.1157
YIQ	241.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

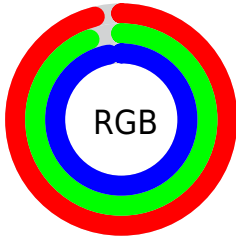
Format	Color
RYB	244, 239, 248
Decimal	16052216
CIELab	95.00, 3.27, -3.75
CIELCh	95, 4.973, 311.106
Yxy	87.6183, 0.3105, 0.3201
Android (android.graphics.Color)	4294242296 (0xFF4EFF8)
YUV	241.5210, 3.1941, 2.1741
Hunter-Lab	93.6047, -1.7215, 1.4757

Details

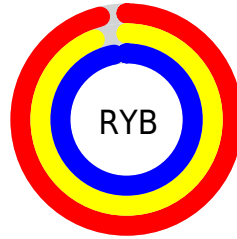
The CIELCh color `95, 4.973, 311.106` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 4.929, 130.858`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 5.223, 311.156` is the 20% darker color. If you saturate the color by 10%, you get `88, 18.899, 311.568`, and if you desaturate by 10%, it is `100, 3.616, 110.609`.

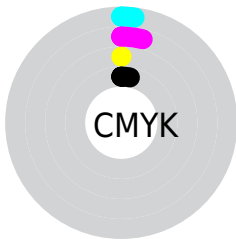
Distribution



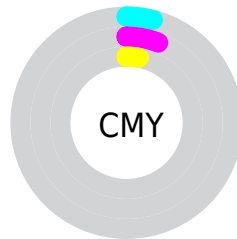
- Red (96%)
- Green (94%)
- Blue (97%)



- Red (96%)
- Yellow (94%)
- Blue (97%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (6%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.973, 311.106 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, 4.973, 311.106 by changing the saturation by 10% instead.

 95, 4.973, 311.106

 95, 4.973, 311.106

 100, 4.973,
311.106

 85, 4.973, 311.106

 75, 4.973, 311.106

 65, 4.973, 311.106

 55, 4.973, 311.106

 45, 4.973, 311.106

 35, 4.973, 311.106

 25, 4.973, 311.106

 15, 4.973, 311.106

 5, 4.973, 311.106

95, 4.973, 311.106

95, 4.973, 311.106

88, 18.899,
311.568

100, 3.616,
110.609

81, 33.171,
312.049

100, 3.615,
109.887

74, 47.690,
312.546

68, 62.271,
313.039

61, 76.600,
313.492

56, 90.171,
313.850

50, 102.252,
314.035

46, 111.925,
313.947

■ 43,118.343,
313.488

Harmonies

Complementary

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



95, 4.973, 311.106



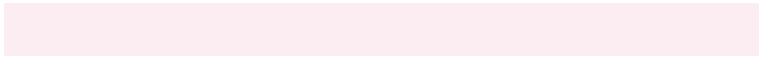
97, 4.929, 130.858

Rectangle

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



95, 4.973, 311.106



95, 4.973, 1.106



95, 4.973, 131.106



95, 4.973, 181.106

Sweetspot

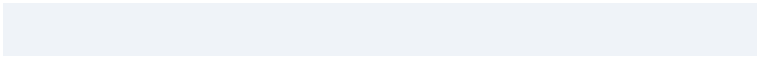
The Sweet Spot groups the original color and five complimentary colors.



95, 4.970, 311.099



99, 1.404, 310.904



96, 2.888, 261.230



53, 0.799, 310.896



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

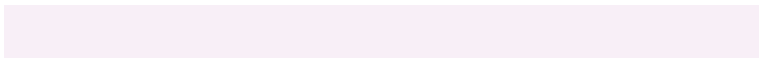
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.970, 311.099



97, 5.608, 311.118



95, 5.443, 325.955



50, 3.923, 311.155



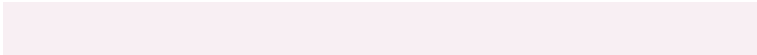
31, 98.343, 313.213



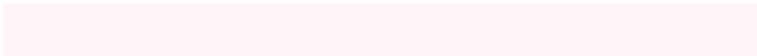
6, 43.258, 314.296

Inverse Universe

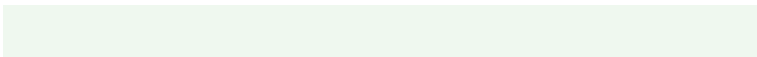
The Inverse Universe completely reimagines the original color for something new.



95, 3.810, 346.927



97, 4.299, 346.972



97, 5.422, 145.658



51, 3.008, 347.056



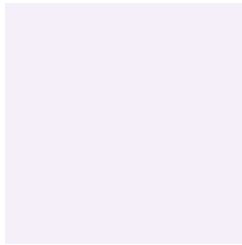
40, 67.328, 7.408



10, 30.653, 0.685

Previews

White Background



This preview shows how the CIE LCh color 95, 4.973, 311.106 looks on a white background.

Color Contrast Check

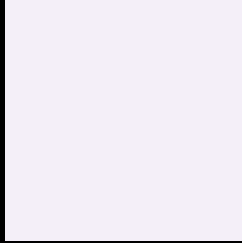
Large Text (above 18pt) WCAG AA × Fail

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, 4.973, 311.106 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

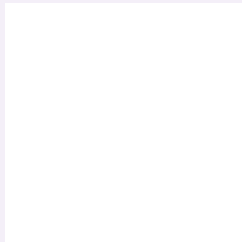
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.973, 311.106

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.973, 311.106.

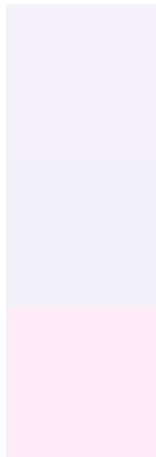


This preview shows how white text looks on a background with the CIELCh color 95, 4.973, 311.106.

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, 4.973, 311.106

Protanopia

95, 4.857, 307.249

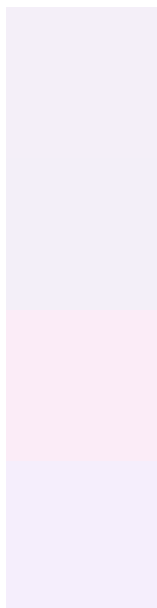
Deuteranopia

95, 9.417, 339.180



Tritanopia
95, 9.107, 306.246

Trichromacy



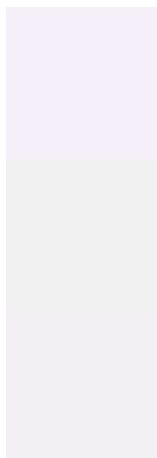
Original Color
95, 4.973, 311.106

Protanomaly
95, 4.857, 307.249

Deuteranomaly
95, 7.780, 333.318

Tritanomaly
95, 7.635, 309.296

Monochromacy



Original Color
95, 4.973, 311.106

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, 4.973, 311.106 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(244, 239, 248)` looks like.

```
.text, #text, p{  
    color:rgb(244, 239, 248)  
}
```

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(244, 239, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 239, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.973, 311.106 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(244, 239, 248) }
```

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

```
.border{ border-color:rgb(244, 239, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 239, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 239, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 239, 248);  
box-shadow:4px 4px 4px 4px rgb(244, 239,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.973, 311.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 239, 248) }
```

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

```
.background{ background-color: rgb(244,  
239, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor