

Converting Colors

CIELCh(95, 9.804, 309.369)

Have a look what the booklet for
CIELCh(95, 9.804, 309.369) contains.

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Color

CIELCh(95, 9.813, 309.369)

Conversions

Conversions Part 1

Format	Color
Hex	F6EDFF
RGB	246, 237, 255
RGB Percent	96%, 93%, 100%
CMY	0.0342, 0.0694, 0.0000
CMYK	0.03, 0.07, 0.00, 0.00
HSL	270°, 100%, 97%
HSV	270°, 7%, 100%
XYZ	86.5714, 87.6183, 107.2022
YIQ	241.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

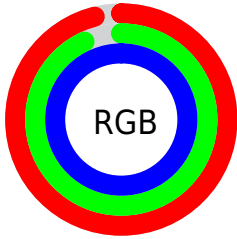
Format	Color
R _Y B	246, 237, 255
Decimal	16182783
CIE Lab	95.00, 6.22, -7.59
CIE LCh	95, 9.813, 309.369
Yxy	87.6183, 0.3077, 0.3114
Android (android.graphics.Color)	4294372863 (0xFFFF6EDFF)
YUV	241.7430, 6.5357, 3.7334
Hunter-Lab	93.6047, 1.2797, -2.3795

Details

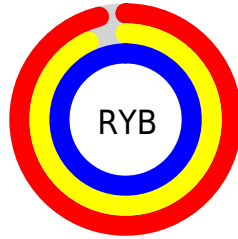
The CIELCh color `95, 9.813, 309.369` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 9.564, 129.062`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 9.799, 310.447` is the 20% darker color. If you saturate the color by 10%, you get `88, 23.922, 310.133`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

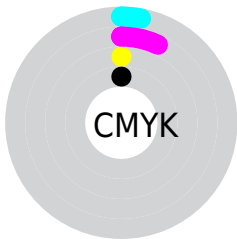
Distribution



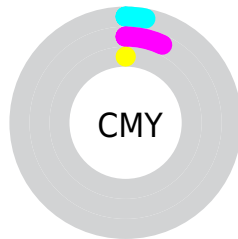
- Red (96%)
- Green (93%)
- Blue (100%)



- Red (96%)
- 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, 9.813, 309.369 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, 9.813, 309.369 by changing the saturation by 10% instead.

95, 9.813, 309.369

95, 9.813, 309.369

100, 9.813,
309.369

85, 9.813, 309.369

75, 9.813, 309.369

65, 9.813, 309.369

55, 9.813, 309.369

45, 9.813, 309.369

35, 9.813, 309.369

25, 9.813, 309.369

15, 9.813, 309.369

5, 9.813, 309.369

95, 9.813, 309.369

95, 9.813, 309.369

88, 23.922,
310.133

100, 0.012,
296.813

81, 38.536,
310.650

74, 53.404,
311.190

67, 68.323,
311.727

60, 82.935,
312.218

54, 96.661,
312.600

49, 108.658,
312.777

45, 117.898,
312.636

■ 42,123.554,
312.074

Harmonies

Complementary

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



95, 9.813, 309.369



99, 9.564, 129.062

Rectangle

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



95, 9.813, 309.369



95, 9.813, 359.369



95, 9.813, 129.369



95, 9.813, 179.369

Sweetspot

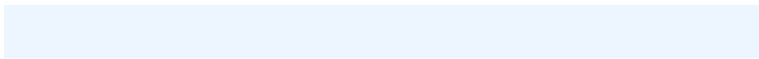
The Sweet Spot groups the original color and five complimentary colors.



95, 9.669, 309.645



99, 2.772, 309.387



97, 5.412, 256.393



53, 1.576, 309.380



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, 9.669, 309.645



94, 11.155, 309.696



96, 11.045, 324.798



49, 7.944, 309.768



30, 100.356, 312.057



6, 44.892, 313.101

Inverse Universe

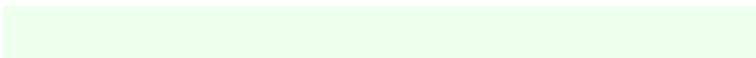
The Inverse Universe completely reimagines the original color for something new.



95, 7.729, 344.612



95, 8.916, 344.712



98, 11.024, 144.065



50, 6.348, 344.854



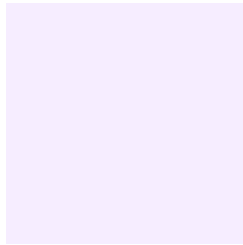
41, 68.168, 2.891



10, 31.794, 357.165

Previews

White Background



This preview shows how the CIELCh color 95, 9.813, 309.369 looks on a white background.

Color Contrast Check

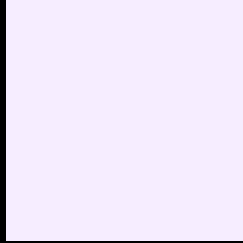
Large Text (above 18pt) WCAG AA × Fail

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, 9.813, 309.369 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

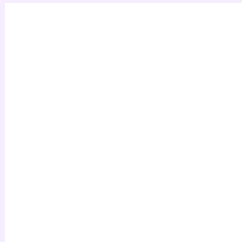
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.813, 309.369

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.813, 309.369.

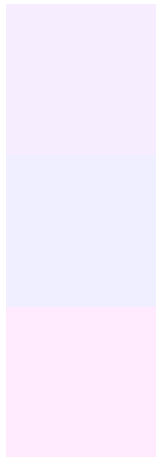


This preview shows how white text looks on a background with the CIELCh color 95, 9.813, 309.369.

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, 9.813, 309.369

Protanopia

95, 8.243, 293.212

Deuteranopia

95, 12.691, 326.181



Tritanopia
95, 9.813, 309.369

Trichromacy



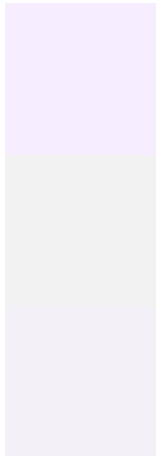
Original Color
95, 9.813, 309.369

Protanomaly
95, 8.877, 299.786

Deuteranomaly
95, 11.486, 321.905

Tritanomaly
95, 9.813, 309.369

Monochromacy



Original Color
95, 9.813, 309.369

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, 9.813, 309.369 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.813, 309.369 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, 237, 255) }
```

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

```
.border{ border-color:rgb(246, 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(246, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.813, 309.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 255) }
```

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

```
.background{ background-color: rgb(246,  
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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