

Converting Colors

CIE LCh(95, 4.115, 308.146)

Have a look what the booklet for
CIELCh(95, 4.115, 308.146) contains.

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Color

CIELCh(95, 4.368, 309.179)

Conversions

Conversions Part 1

Format	Color
Hex	F3EFF7
RGB	243, 239, 247
RGB Percent	95%, 94%, 97%
CMY	0.0465, 0.0622, 0.0308
CMYK	0.02, 0.03, 0.00, 0.03
HSL	270°, 34%, 95%
HSV	270°, 3%, 97%
XYZ	84.7279, 87.6183, 100.5552
YIQ	241.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

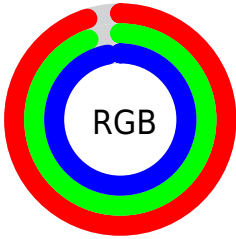
Format	Color
R_{YB}	243, 239, 247
Decimal	15986679
CIE _{Lab}	95.00, 2.76, -3.39
CIE _{LCh}	95, 4.368, 309.179
Yxy	87.6183, 0.3105, 0.3211
Android (android.graphics.Color)	4294176759 (0xFFFF3EFF7)
YUV	241.1080, 2.9048, 1.6593
Hunter-Lab	93.6047, -2.2358, 1.8307

Details

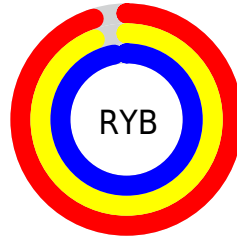
The CIELCh color `95, 4.368, 309.179` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 4.326, 128.951`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 4.588, 309.225` is the 20% darker color. If you saturate the color by 10%, you get `88, 18.094, 309.661`, and if you desaturate by 10%, it is `100, 3.974, 109.862`.

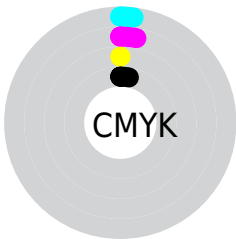
Distribution



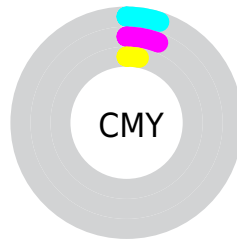
- Red (95%)
- Green (94%)
- Blue (97%)



- Red (95%)
- Yellow (94%)
- Blue (97%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.368, 309.179 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, 4.368, 309.179 by changing the saturation by 10% instead.

95, 4.368, 309.179

95, 4.368, 309.179

100, 4.368,
309.179

85, 4.368, 309.179

75, 4.368, 309.179

65, 4.368, 309.179

55, 4.368, 309.179

45, 4.368, 309.179

35, 4.368, 309.179

25, 4.368, 309.179

15, 4.368, 309.179

5, 4.368, 309.179

95, 4.368, 309.179

95, 4.368, 309.179

88, 18.094,
309.661

100, 3.974,
109.862

81, 32.202,
310.172

74, 46.612,
310.711

67, 61.172,
311.262

61, 75.602,
311.788

55, 89.433,
312.234

49, 101.944,
312.517

45, 112.172,
312.526

■ 41, 119.148,
312.146

Harmonies

Complementary

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



95, 4.368, 309.179



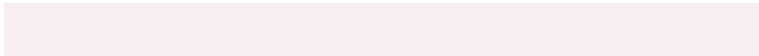
97, 4.326, 128.951

Rectangle

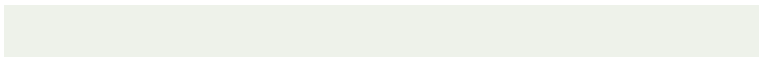
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



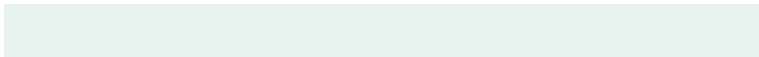
95, 4.368, 309.179



95, 4.368, 359.179



95, 4.368, 129.179



95, 4.368, 179.179

Sweetspot

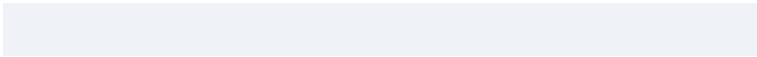
The Sweet Spot groups the original color and five complimentary colors.



95, 4.366, 309.170



99, 1.387, 309.002



96, 2.437, 254.169



53, 0.789, 308.994



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, 4.366, 309.170



97, 5.540, 309.211



95, 4.981, 324.114



49, 3.810, 309.248



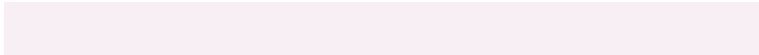
29, 98.515, 311.886



5, 41.488, 312.412

Inverse Universe

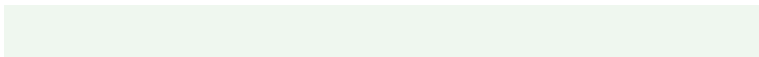
The Inverse Universe completely reimagines the original color for something new.



95, 3.517, 343.768



97, 4.462, 343.859



97, 4.961, 143.881



50, 3.069, 343.937



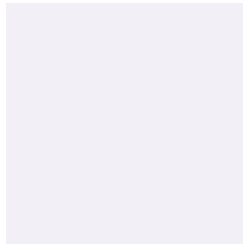
40, 66.899, 2.002



9, 30.259, 355.882

Previews

White Background



This preview shows how the CIELCh color 95, 4.368, 309.179 looks on a white background.

Color Contrast Check

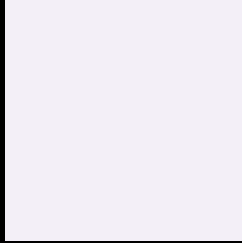
Large Text (above 18pt) WCAG AA × Fail

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, 4.368, 309.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

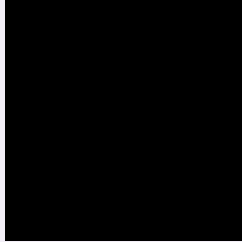
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

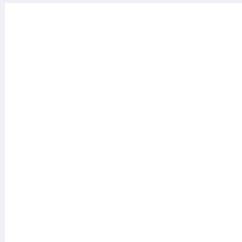
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.368, 309.179

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.368, 309.179.

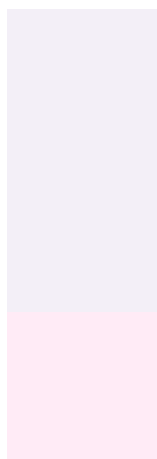


This preview shows how white text looks on a background with the CIELCh color 95, 4.368, 309.179.

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, 4.368, 309.179

Protanopia

95, 4.368, 309.179

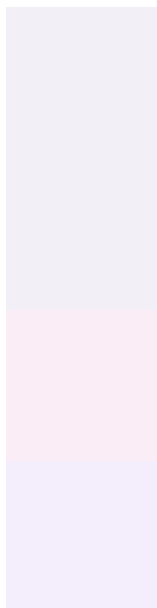
Deuteranopia

95, 9.093, 341.628



Tritanopia
95, 9.018, 304.126

Trichromacy



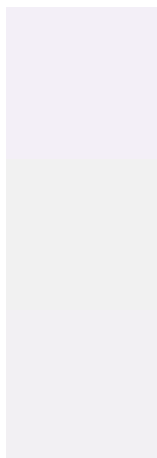
Original Color
95, 4.368, 309.179

Protanomaly
95, 4.368, 309.179

Deuteranomaly
95, 6.802, 337.032

Tritanomaly
95, 7.528, 306.787

Monochromacy



Original Color
95, 4.368, 309.179

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, 4.368, 309.179 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(243, 239, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 239, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.368, 309.179 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, 247) }
```

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

```
.border{ border-color:rgb(243, 239, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 239, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 239, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 239,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.368, 309.179 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, 247) }
```

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

```
.background{ background-color: rgb(243,  
239, 247) }
```

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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