

Converting Colors

CIELCh(94, 9.948, 311.263)

Have a look what the booklet for
CIELCh(94, 9.948, 311.263) contains.

CIELCh(94, 9.955, 311.275)	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(94, 9.955, 311.275)

Conversions

Conversions Part 1

Format	Color
Hex	F4EAFC
RGB	244, 234, 252
RGB Percent	96%, 92%, 99%
CMY	0.0423, 0.0815, 0.0110
CMYK	0.03, 0.07, 0.00, 0.01
HSL	273°, 76%, 95%
HSV	273°, 7%, 99%
XYZ	84.4626, 85.2715, 104.2734
YIQ	239.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

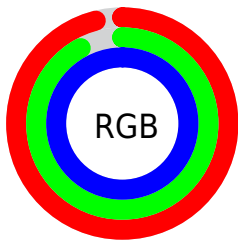
Format	Color
R _Y B	244, 234, 252
Decimal	16050940
CIE Lab	94.00, 6.57, -7.48
CIE LCh	94, 9.955, 311.275
Yxy	85.2715, 0.3082, 0.3112
Android (android.graphics.Color)	4294241020 (0xFFFF4EAF)
YUV	239.0420, 6.3883, 4.3482
Hunter-Lab	92.3426, 1.6682, -2.3106

Details

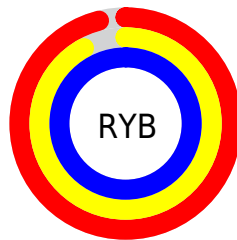
The CIELCh color **94, 9.955, 311.275** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 9.853, 130.694**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.958, 312.439** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.210, 311.739**, and if you desaturate by 10%, it is **100, 1.405, 110.018**.

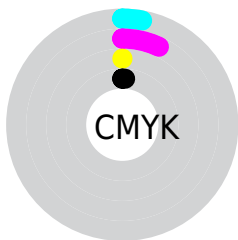
Distribution



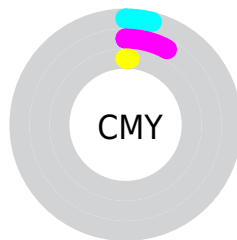
- Red (96%)
- Green (92%)
- Blue (99%)



- Red (96%)
- Yellow (92%)
- Blue (99%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.955, 311.275 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 94, 9.955, 311.275 by changing the saturation by 10% instead.

94, 9.955, 311.275

94, 9.955, 311.275

100, 9.955,
311.275

84, 9.955, 311.275

74, 9.955, 311.275

64, 9.955, 311.275

54, 9.955, 311.275

44, 9.955, 311.275

34, 9.955, 311.275

24, 9.955, 311.275

14, 9.955, 311.275

4, 9.955, 311.275

94, 9.955, 311.275

94, 9.955, 311.275

87, 24.210,
311.739

100, 1.405,
110.018

80, 38.789,
312.227

73, 53.564,
312.726

67, 68.306,
313.211

60, 82.635,
313.638

55, 95.958,
313.944

50, 107.448,
314.044

46, 116.156,
313.833

■ 43,121.388,
313.226

Harmonies

Complementary

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



94, 9.955, 311.275



98, 9.853, 130.694

Rectangle

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



94, 9.955, 311.275



94, 9.955, 1.275



94, 9.955, 131.275



94, 9.955, 181.275

Sweetspot

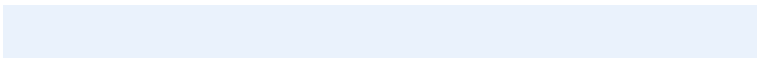
The Sweet Spot groups the original color and five complimentary colors.



94, 9.952, 311.272



99, 2.801, 311.009



95, 5.752, 261.643



53, 1.593, 311.001



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

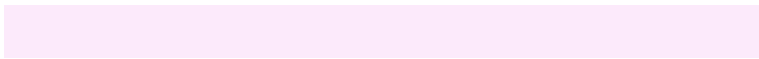
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.952, 311.272



94, 12.694, 311.358



95, 10.875, 326.182



48, 7.892, 311.381



31, 98.340, 313.216



6, 43.258, 314.300

Inverse Universe

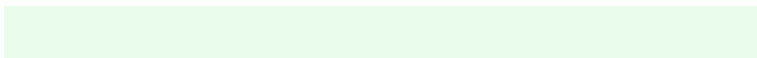
The Inverse Universe completely reimagines the original color for something new.



94, 7.633, 347.312



94, 9.737, 347.498



97, 10.853, 145.415



49, 6.054, 347.545



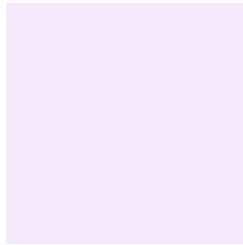
40, 67.329, 7.420



10, 30.652, 0.696

Previews

White Background



This preview shows how the CIELCh color 94, 9.955, 311.275 looks on a white background.

Color Contrast Check

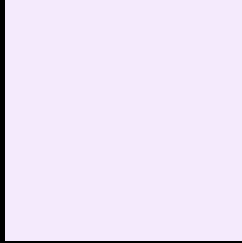
Large Text (above 18pt) WCAG AA × Fail

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 94, 9.955, 311.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

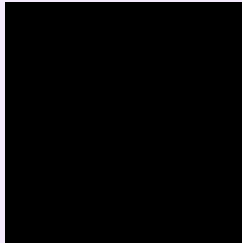
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

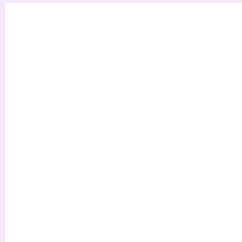
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.955, 311.275

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.955, 311.275.

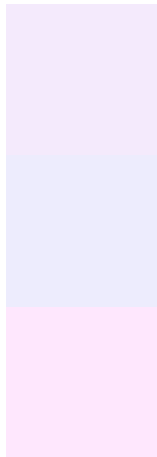


This preview shows how white text looks on a background with the CIELCh color 94, 9.955, 311.275.

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

94, 9.955, 311.275

Protanopia

94, 8.777, 293.114

Deuteranopia

94, 13.957, 326.112



Tritanopia
94, 10.438, 310.297

Trichromacy



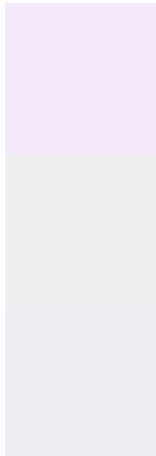
Original Color
94, 9.955, 311.275

Protanomaly
94, 9.468, 301.396

Deuteranomaly
94, 12.571, 320.859

Tritanomaly
94, 10.438, 310.297

Monochromacy



Original Color
94, 9.955, 311.275

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.892, 311.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.955, 311.275 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, 234, 252)` looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 252)  
}
```

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, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.955, 311.275 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, 234, 252) }
```

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

```
.border{ border-color:rgb(244, 234, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 234, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.955, 311.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 234, 252) }
```

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

```
.background{ background-color: rgb(244,  
234, 252) }
```

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