

Converting Colors

CIE LCh(94, 11.412, 313.139)

Have a look what the booklet for
CIELCh(94, 11.412, 313.139)
contains.

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Color

CIELCh(94, 11.785, 313.446)

Conversions

Conversions Part 1

Format	Color
Hex	F6E9FE
RGB	246, 233, 254
RGB Percent	96%, 91%, 100%
CMY	0.0341, 0.0851, 0.0027
CMYK	0.03, 0.08, 0.00, 0.00
HSL	277°, 94%, 96%
HSV	277°, 8%, 100%
XYZ	85.2754, 85.2715, 105.9877
YIQ	239.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

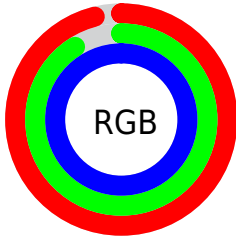
Format	Color
R_{YB}	246, 233, 254
Decimal	16181758
CIE _{Lab}	94.00, 8.10, -8.56
CIE _{LCh}	94, 11.785, 313.446
Yxy	85.2715, 0.3084, 0.3084
Android (android.graphics.Color)	4294371838 (0xFF6E9FE)
YUV	239.2810, 7.2565, 5.8926
Hunter-Lab	92.3426, 3.2395, -3.4113

Details

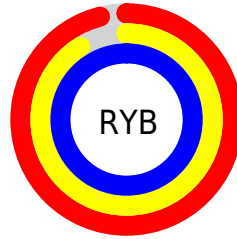
The CIELCh color **94, 11.785, 313.446** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 11.671, 132.780**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 11.886, 314.536** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.355, 313.895**, and if you desaturate by 10%, it is **100, 0.340, 109.925**.

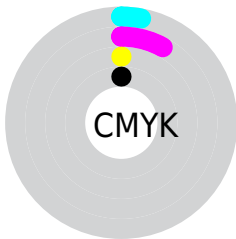
Distribution



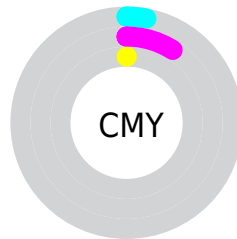
- Red (96%)
- Green (91%)
- Blue (100%)



- Red (96%)
- Yellow (91%)
- Blue (100%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (9%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 11.785, 313.446 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, 11.785, 313.446 by changing the saturation by 10% instead.


 94, 11.785,
313.446

 94, 11.785,
313.446


 100, 11.785,
313.446


 84, 11.785,
313.446


 74, 11.785,
313.446

 64, 11.785,
313.446

 54, 11.785,
313.446

 44, 11.785,
313.446

 34, 11.785,
313.446

 24, 11.785,

313.446

■ 14, 11.785,
313.446

■ 4, 11.785, 313.446

■ 94, 11.785,
313.446

■ 94, 11.785,
313.446

■ 87, 26.355,
313.895

100, 0.340,
109.925

■ 80, 41.190,
314.357

■ 74, 56.123,
314.815

■ 67, 70.876,
315.242

■ 61, 85.010,
315.595

■ 56, 97.884,
315.812

■ 51, 108.673,
315.814

■ 48, 116.517,
315.512

■ 45, 120.992,
314.855

Harmonies

Complementary

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



94, 11.785, 313.446



98, 11.671, 132.780

Rectangle

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



94, 11.785, 313.446



94, 11.785, 3.446



94, 11.785, 133.446



94, 11.785, 183.446

Sweetspot

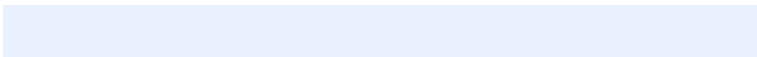
The Sweet Spot groups the original color and five complimentary colors.



94, 11.782, 313.444



99, 2.844, 313.130



95, 7.154, 268.063



53, 1.617, 313.123



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, 11.782, 313.444



93, 14.329, 313.522



95, 12.106, 328.241



49, 8.142, 313.500



33, 98.014, 314.911



7, 44.584, 316.203

Inverse Universe

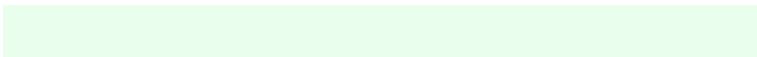
The Inverse Universe completely reimagines the original color for something new.



94, 8.564, 351.297



93, 10.423, 351.479



98, 12.078, 147.301



50, 5.921, 351.427



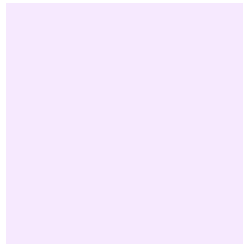
41, 68.602, 13.650



10, 31.282, 6.409

Previews

White Background



This preview shows how the CIE LCh color 94, 11.785, 313.446 looks on a white background.

Color Contrast Check

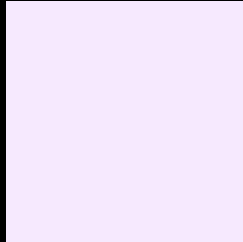
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 11.785, 313.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

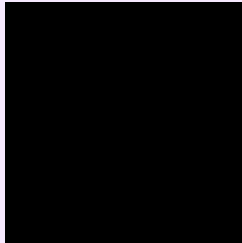
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

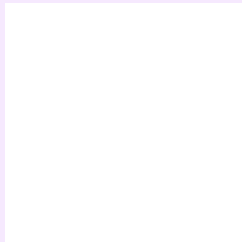
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 11.785, 313.446

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.785, 313.446.

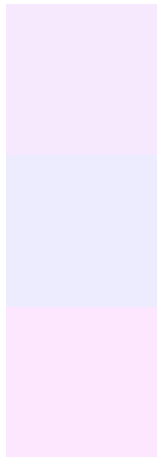


This preview shows how white text looks on a background with the CIELCh color 94, 11.785, 313.446.

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, 11.785, 313.446

Protanopia

94, 9.806, 292.949

Deuteranopia

94, 14.614, 322.631



Tritanopia
94, 10.223, 314.947

Trichromacy



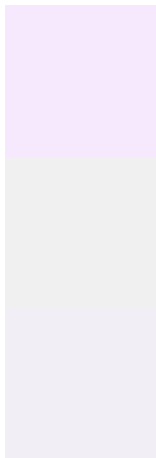
Original Color
94, 11.785, 313.446

Protanomaly
94, 10.482, 300.415

Deuteranomaly
94, 13.633, 319.977

Tritanomaly
94, 10.693, 313.824

Monochromacy



Original Color
94, 11.785, 313.446

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.889, 311.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 11.785, 313.446 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, 233, 254)` looks like.

```
.text, #text, p{  
    color:rgb(246, 233, 254)  
}
```

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, 233, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 233, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.785, 313.446 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, 233, 254) }
```

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

```
.border{ border-color:rgb(246, 233, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 233, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 233, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 233, 254);  
box-shadow:4px 4px 4px 4px rgb(246, 233,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.785, 313.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 233, 254) }
```

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

```
.background{ background-color: rgb(246,  
233, 254) }
```

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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