

Converting Colors

CIELCh(94, 7.918, 314.109)

Have a look what the booklet for
CIELCh(94, 7.918, 314.109) contains.

CIELCh(94, 7.909, 314.106)	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(94, 7.909, 314.106)

Conversions

Conversions Part 1

Format	Color
Hex	F4EBF9
RGB	244, 235, 249
RGB Percent	96%, 92%, 98%
CMY	0.0442, 0.0795, 0.0246
CMYK	0.02, 0.06, 0.00, 0.02
HSL	279°, 53%, 95%
HSV	279°, 6%, 98%
XYZ	83.9038, 85.2715, 101.4391
YIQ	239.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

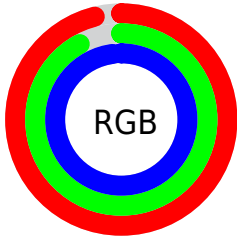
Format	Color
R_{YB}	244, 235, 249
Decimal	16051193
CIE _{Lab}	94.00, 5.50, -5.68
CIE _{LCh}	94, 7.909, 314.106
Yxy	85.2715, 0.3100, 0.3151
Android (android.graphics.Color)	4294241273 (0xFF4E4BF9)
YUV	239.2870, 4.7885, 4.1333
Hunter-Lab	92.3426, 0.5880, -0.4907

Details

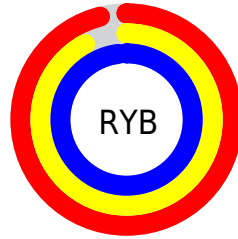
The CIELCh color `94, 7.909, 314.106` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 7.847, 133.684`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 8.310, 314.175` is the 20% darker color. If you saturate the color by 10%, you get `87, 22.209, 314.551`, and if you desaturate by 10%, it is `100, 3.287, 124.674`.

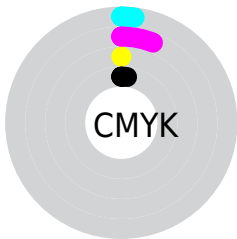
Distribution



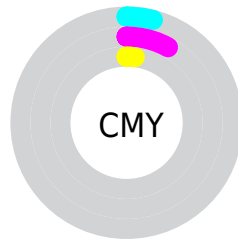
- Red (96%)
- Green (92%)
- Blue (98%)



- Red (96%)
- Yellow (92%)
- Blue (98%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.909, 314.106 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 94, 7.909, 314.106 by changing the saturation by 10% instead.

94, 7.909, 314.106

94, 7.909, 314.106

100, 7.909,
314.106

84, 7.909, 314.106

74, 7.909, 314.106

64, 7.909, 314.106

54, 7.909, 314.106

44, 7.909, 314.106

34, 7.909, 314.106

24, 7.909, 314.106

14, 7.909, 314.106

4, 7.909, 314.106

94, 7.909, 314.106

94, 7.909, 314.106

87, 22.209,
314.551

100, 3.287,
124.674

81, 36.780,
315.004

100, 3.168,
109.917

74, 51.472,
315.455

68, 66.035,
315.880

62, 80.074,
316.240

56, 93.007,
316.481

52, 104.074,
316.532

48, 112.443,
316.312

■ 46,117.518,
315.750

Harmonies

Complementary

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



94, 7.909, 314.106



97, 7.847, 133.684

Rectangle

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



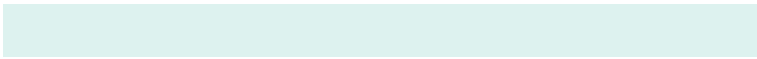
94, 7.909, 314.106



94, 7.909, 4.106



94, 7.909, 134.106



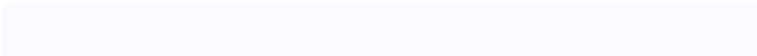
94, 7.909, 184.106

Sweetspot

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



94, 7.906, 314.103



99, 2.862, 313.908



95, 4.866, 269.160



53, 1.627, 313.901



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, 7.906, 314.103



95, 10.053, 314.166



94, 7.993, 328.597



49, 6.429, 314.193



33, 96.563, 315.606



7, 43.120, 316.870

Inverse Universe

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



94, 5.626, 352.540



95, 7.159, 352.691



97, 7.969, 148.006



49, 4.580, 352.755



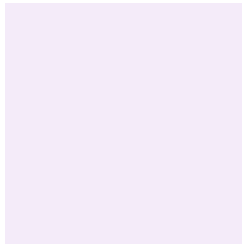
40, 68.364, 15.877



9, 30.460, 7.898

Previews

White Background



This preview shows how the CIELCh color 94, 7.909, 314.106 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 94, 7.909, 314.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

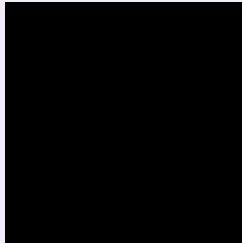
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

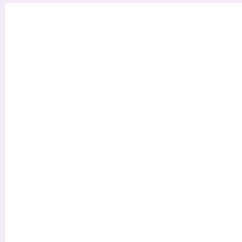
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.909, 314.106

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.909, 314.106.



This preview shows how white text looks on a background with the CIELCh color 94, 7.909, 314.106.

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

94, 7.909, 314.106

Protanopia

94, 7.263, 296.217

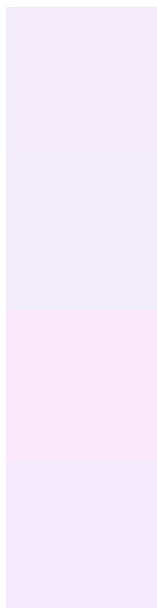
Deuteranopia

94, 12.592, 332.927



Tritanopia
94, 10.438, 310.297

Trichromacy



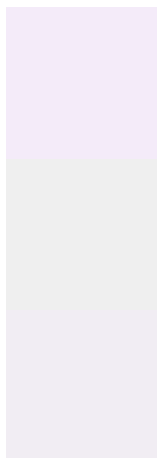
Original Color
94, 7.909, 314.106

Protanomaly
94, 7.370, 301.592

Deuteranomaly
94, 11.063, 327.843

Tritanomaly
94, 9.475, 312.357

Monochromacy



Original Color
94, 7.909, 314.106

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.418, 314.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.909, 314.106 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, 235, 249)` looks like.

```
.text, #text, p{  
    color:rgb(244, 235, 249)  
}
```

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, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 235, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.909, 314.106 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, 235, 249) }
```

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

```
.border{ border-color:rgb(244, 235, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 235, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 235, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 235, 249); box-shadow:4px 4px 4px 4px rgb(244, 235, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.909, 314.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 235, 249) }
```

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

```
.background{ background-color: rgb(244,  
235, 249) }
```

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