

Converting Colors

CIELCh(94, 9.826, 299.020)

Have a look what the booklet for
CIELCh(94, 9.826, 299.020) contains.

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Color

CIELCh(94, 9.917, 298.917)

Conversions

Conversions Part 1

Format	Color
Hex	EFEBFE
RGB	239, 235, 254
RGB Percent	94%, 92%, 100%
CMY	0.0611, 0.0767, 0.0022
CMYK	0.06, 0.07, 0.00, 0.00
HSL	253°, 94%, 96%
HSV	253°, 7%, 100%
XYZ	83.5321, 85.2715, 106.1874
YIQ	238.3620, -3.7150, 6.7570

Conversions

Conversions Part 2

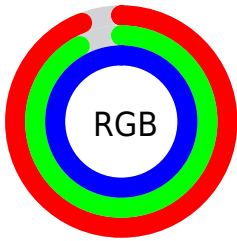
Format	Color
R_{YB}	239, 235, 254
Decimal	15723518
CIE _{Lab}	94.00, 4.80, -8.68
CIE _{LCh}	94, 9.917, 298.917
Yxy	85.2715, 0.3038, 0.3101
Android (android.graphics.Color)	4293913598 (0xFFEFEBFE)
YUV	238.3620, 7.7095, 0.5595
Hunter-Lab	92.3426, -0.1304, -3.5395

Details

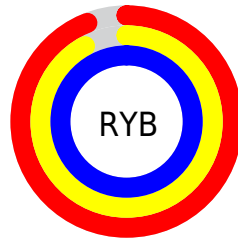
The CIELCh color **94, 9.917, 298.917** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 9.747, 117.897**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.894, 299.466** is the 20% darker color. If you saturate the color by 10%, you get **86, 23.628, 299.704**, and if you desaturate by 10%, it is **100, 0.275, 109.876**.

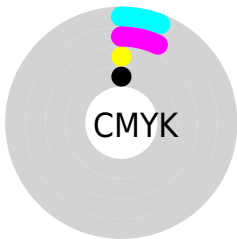
Distribution



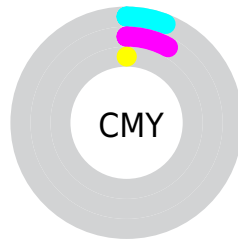
- Red (94%)
- Green (92%)
- Blue (100%)



- Red (94%)
- Yellow (92%)
- Blue (100%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.917, 298.917 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, 9.917, 298.917 by changing the saturation by 10% instead.

94, 9.917, 298.917

94, 9.917, 298.917

100, 9.917,
298.917

84, 9.917, 298.917

74, 9.917, 298.917

64, 9.917, 298.917

54, 9.917, 298.917

44, 9.917, 298.917

34, 9.917, 298.917

24, 9.917, 298.917

14, 9.917, 298.917

4, 9.917, 298.917

94, 9.917, 298.917

94, 9.917, 298.917

86, 23.628,
299.704

100, 0.275,
109.876

78, 37.874,
300.614

71, 52.641,
301.647

63, 67.852,
302.794

56, 83.292,
304.021

49, 98.468,
305.249

42, 112.416,
306.331

38, 123.597,
307.052

■ 34, 130.405,
307.209

Harmonies

Complementary

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



94, 9.917, 298.917



99, 9.747, 117.897

Rectangle

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



94, 9.917, 298.917



94, 9.917, 348.917



94, 9.917, 118.917



94, 9.917, 168.917

Sweetspot

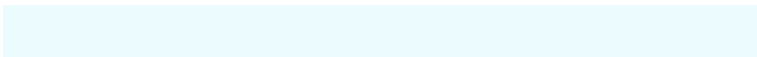
The Sweet Spot groups the original color and five complimentary colors.



94, 9.915, 298.911



98, 2.641, 298.520



98, 5.529, 219.799



53, 1.501, 298.513



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, 9.915, 298.911



93, 12.003, 299.026



95, 10.869, 316.028



49, 7.589, 299.064



24, 106.045, 307.331



4, 44.579, 305.753

Inverse Universe

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



95, 10.246, 331.329



94, 12.382, 331.433



98, 10.791, 135.434



50, 7.825, 331.467



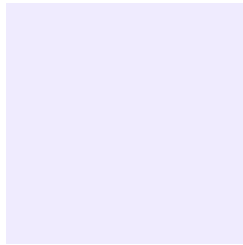
43, 79.070, 338.827



11, 37.068, 337.288

Previews

White Background



This preview shows how the CIELCh color 94, 9.917, 298.917 looks on a white background.

Color Contrast Check

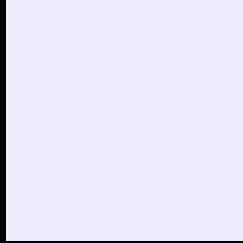
Large Text (above 18pt) WCAG AA × Fail

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, 9.917, 298.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

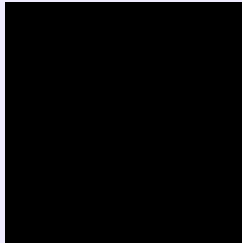
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.917, 298.917

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.917, 298.917.

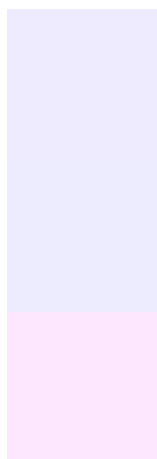


This preview shows how white text looks on a background with the CIELCh color 94, 9.917, 298.917.

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, 9.917, 298.917

Protanopia

94, 9.806, 292.949

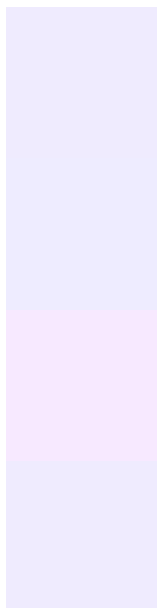
Deuteranopia

94, 14.434, 321.435



Tritanopia
94, 9.917, 298.917

Trichromacy



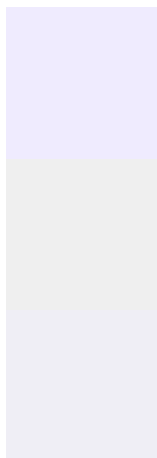
Original Color
94, 9.917, 298.917

Protanomaly
94, 9.829, 294.947

Deuteranomaly
94, 12.394, 314.031

Tritanomaly
94, 9.917, 298.917

Monochromacy



Original Color
94, 9.917, 298.917

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.631, 296.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.917, 298.917 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(239, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 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(239, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.917, 298.917 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(239, 235, 254) }
```

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

```
.border{ border-color:rgb(239, 235, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 235, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 235, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 235, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 235,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.917, 298.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 235, 254) }
```

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

```
.background{ background-color: rgb(239,  
235, 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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