

Converting Colors

CIELCh(94, 8.516, 316.408)

Have a look what the booklet for
CIELCh(94, 8.516, 316.408) contains.

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Color

CIELCh(94, 8.680, 317.009)

Conversions

Conversions Part 1

Format	Color
Hex	F5EAF9
RGB	245, 234, 249
RGB Percent	96%, 92%, 98%
CMY	0.0384, 0.0815, 0.0227
CMYK	0.02, 0.06, 0.00, 0.02
HSL	284°, 56%, 95%
HSV	284°, 6%, 98%
XYZ	84.3477, 85.2715, 101.8129
YIQ	238.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

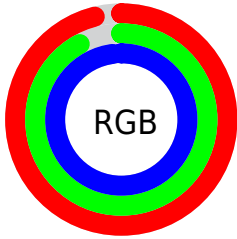
Format	Color
R _Y B	245, 234, 249
Decimal	16116473
CIE Lab	94.00, 6.35, -5.92
CIE LCh	94, 8.680, 317.009
Yxy	85.2715, 0.3108, 0.3142
Android (android.graphics.Color)	4294306553 (0xFF5EAF9)
YUV	238.9990, 4.9305, 5.2629
Hunter-Lab	92.3426, 1.4462, -0.7308

Details

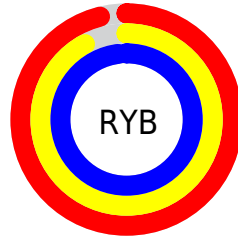
The CIELCh color `94, 8.680, 317.009` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 8.625, 136.544`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 9.120, 317.084` is the 20% darker color. If you saturate the color by 10%, you get `87, 23.318, 317.458`, and if you desaturate by 10%, it is `100, 3.136, 130.487`.

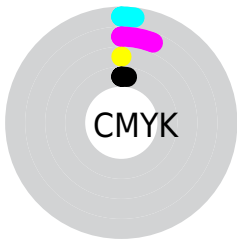
Distribution



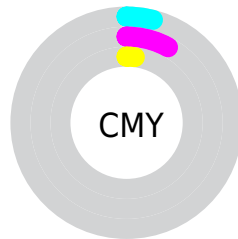
- Red (96%)
- Green (92%)
- Blue (98%)



- 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, 8.680, 317.009 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, 8.680, 317.009 by changing the saturation by 10% instead.

94, 8.680, 317.009

94, 8.680, 317.009

100, 8.680,
317.009

84, 8.680, 317.009

74, 8.680, 317.009

64, 8.680, 317.009

54, 8.680, 317.009

44, 8.680, 317.009

34, 8.680, 317.009

24, 8.680, 317.009

14, 8.680, 317.009

4, 8.680, 317.009

94, 8.680, 317.009

94, 8.680, 317.009

87, 23.318,
317.458

100, 3.136,
130.487

81, 38.154,
317.904

100, 2.921,
109.933

75, 52.996,
318.335

69, 67.539,
318.729

63, 81.336,
319.048

58, 93.776,
319.245

54, 104.120,
319.262

51, 111.656,
319.039

■ 49,115.974,
318.530

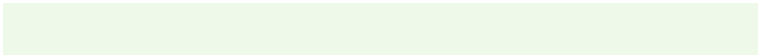
Harmonies

Complementary

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



94, 8.680, 317.009



97, 8.625, 136.544

Rectangle

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



94, 8.680, 317.009



94, 8.680, 7.009



94, 8.680, 137.009



94, 8.680, 187.009

Sweetspot

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



94, 8.677, 317.007



99, 2.931, 316.785



94, 5.703, 275.711



53, 1.667, 316.776



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, 8.677, 317.007



95, 10.292, 317.053



94, 8.075, 331.452



49, 6.581, 317.080



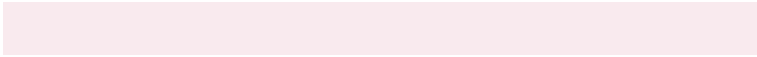
36, 94.928, 318.424



8, 42.709, 319.548

Inverse Universe

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



94, 5.750, 358.775



95, 6.828, 358.887



97, 8.046, 150.773



49, 4.369, 358.952



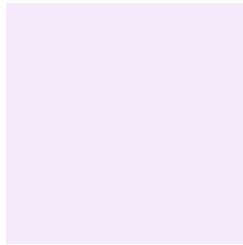
40, 71.184, 24.145



9, 30.690, 14.147

Previews

White Background



This preview shows how the CIELCh color 94, 8.680, 317.009 looks on a white background.

Color Contrast Check

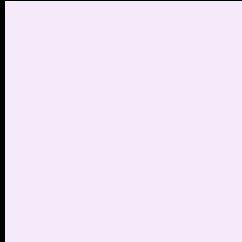
Large Text (above 18pt) WCAG AA × Fail

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, 8.680, 317.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

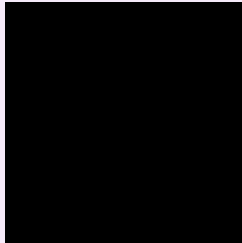
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

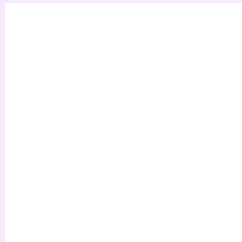
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.680, 317.009

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.680, 317.009.



This preview shows how white text looks on a background with the CIELCh color 94, 8.680, 317.009.

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, 8.680, 317.009

Protanopia

94, 7.263, 296.217

Deuteranopia

94, 12.971, 331.387



Tritanopia
94, 10.223, 314.947

Trichromacy



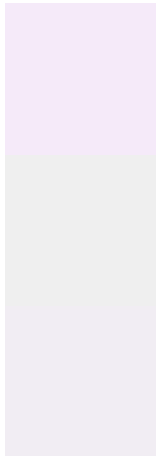
Original Color
94, 8.680, 317.009

Protanomaly
94, 8.041, 305.789

Deuteranomaly
94, 11.473, 326.283

Tritanomaly
94, 9.757, 316.182

Monochromacy



Original Color
94, 8.680, 317.009

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, 8.680, 317.009 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(245, 234, 249)` looks like.

```
.text, #text, p{  
    color:rgb(245, 234, 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(245, 234, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 234, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.680, 317.009 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(245, 234, 249) }
```

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

```
.border{ border-color:rgb(245, 234, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 234, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 234, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 234, 249);  
box-shadow:4px 4px 4px 4px rgb(245, 234,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.680, 317.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 234, 249) }
```

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

```
.background{ background-color: rgb(245,  
234, 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](#).

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