

Converting Colors

CIELCh(94, 8.812, 329.717)

Have a look what the booklet for
CIELCh(94, 8.812, 329.717) contains.

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Color

CIELCh(94, 8.798, 330.451)

Conversions

Conversions Part 1

Format	Color
Hex	F9E9F6
RGB	249, 233, 246
RGB Percent	98%, 91%, 96%
CMY	0.0225, 0.0853, 0.0343
CMYK	0.00, 0.06, 0.01, 0.02
HSL	311°, 58%, 95%
HSV	311°, 6%, 98%
XYZ	85.0366, 85.2715, 99.3654
YIQ	239.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

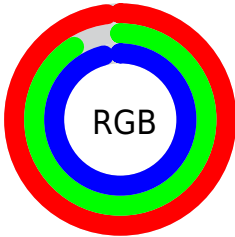
Format	Color
R _{YB}	249, 233, 246
Decimal	16378358
CIE Lab	94.00, 7.65, -4.34
CIE LCh	94, 8.798, 330.451
Yxy	85.2715, 0.3153, 0.3162
Android (android.graphics.Color)	4294568438 (0xFF9E9F6)
YUV	239.2660, 3.3199, 8.5367
Hunter-Lab	92.3426, 2.7779, 0.8407

Details

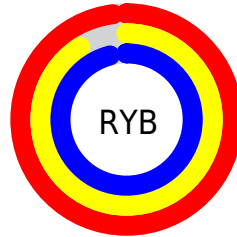
The CIELCh color `94, 8.798, 330.451` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 8.767, 149.730`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 9.241, 330.569` is the 20% darker color. If you saturate the color by 10%, you get `88, 22.630, 331.112`, and if you desaturate by 10%, it is `99, 2.896, 153.919`.

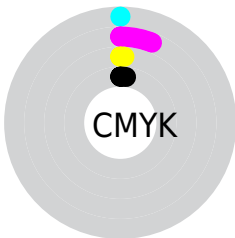
Distribution



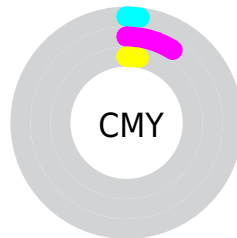
- Red (98%)
- Green (91%)
- Blue (96%)



- Red (98%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.798, 330.451 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, 8.798, 330.451 by changing the saturation by 10% instead.



94, 8.798, 330.451

94, 8.798, 330.451

88, 22.630,
331.112

99, 2.896, 153.919

82, 36.472,
331.775

100, 1.995,
199.611

76, 50.034,
332.453

71, 62.908,
333.149

67, 74.561,
333.865

63, 84.373,
334.610

60, 91.734,
335.402

58, 96.219,
336.267

■ 57, 97.789,
337.243

Harmonies

Complementary

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



94, 8.798, 330.451



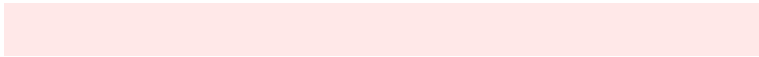
97, 8.767, 149.730

Rectangle

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



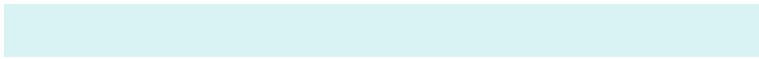
94, 8.798, 330.451



94, 8.798, 20.451



94, 8.798, 150.451



94, 8.798, 200.451

Sweetspot

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



94, 8.795, 330.453



99, 2.787, 330.089



93, 8.343, 297.815



53, 1.585, 330.077



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

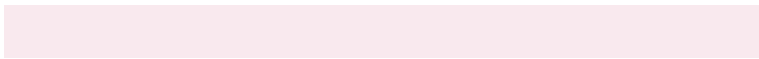
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.795, 330.453



95, 11.179, 330.560



94, 6.294, 355.330



49, 7.822, 330.659



43, 79.635, 337.424



11, 36.681, 336.053

Inverse Universe

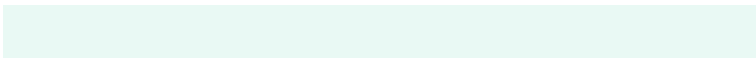
The Inverse Universe completely reimagines the original color for something new.



94, 8.795, 330.453



95, 11.179, 330.560



97, 6.179, 174.315



49, 7.822, 330.659



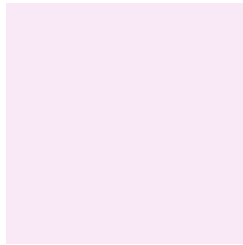
43, 79.635, 337.424



11, 36.681, 336.053

Previews

White Background



This preview shows how the CIELCh color 94, 8.798, 330.451 looks on a white background.

Color Contrast Check

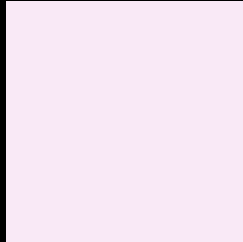
Large Text (above 18pt) WCAG AA × Fail

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, 8.798, 330.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

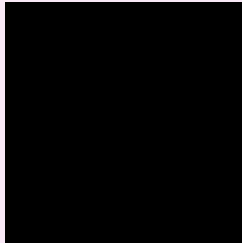
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

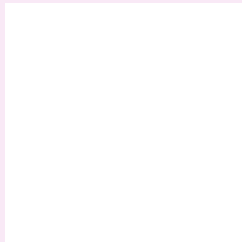
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.798, 330.451

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.798, 330.451.

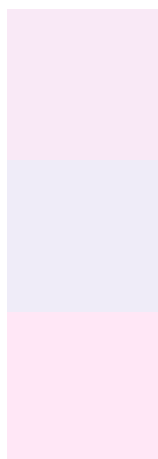


This preview shows how white text looks on a background with the CIELCh color 94, 8.798, 330.451.

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, 8.798, 330.451

Protanopia

94, 6.291, 300.211

Deuteranopia

94, 11.519, 338.149



Tritanopia
94, 11.070, 323.291

Trichromacy



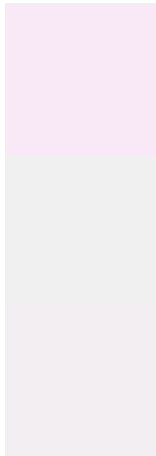
Original Color
94, 8.798, 330.451

Protanomaly
94, 6.825, 314.841

Deuteranomaly
94, 10.387, 336.215

Tritanomaly
94, 10.224, 326.413

Monochromacy



Original Color
94, 8.798, 330.451

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.733, 330.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.798, 330.451 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(249, 233, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 233, 246)  
}
```

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(249, 233, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 233, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.798, 330.451 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(249, 233, 246) }
```

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

```
.border{ border-color:rgb(249, 233, 246) }
```

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

Here you see how a box with a 4 pixel rgb(249, 233, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 233, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 233, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 233,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.798, 330.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 233, 246) }
```

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

```
.background{ background-color: rgb(249,  
233, 246) }
```

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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