

Converting Colors

CIELCh(94, 10.277, 331.342)

Have a look what the booklet for
CIELCh(94, 10.277, 331.342)
contains.

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Color

CIELCh(94, 10.271, 331.340)

Conversions

Conversions Part 1

Format	Color
Hex	FBE8F7
RGB	251, 232, 247
RGB Percent	98%, 91%, 97%
CMY	0.0140, 0.0886, 0.0297
CMYK	0.00, 0.08, 0.02, 0.01
HSL	313°, 73%, 95%
HSV	313°, 8%, 99%
XYZ	85.7582, 85.2715, 100.2705
YIQ	239.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

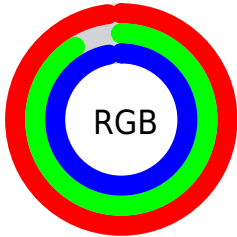
Format	Color
R_{YB}	251, 232, 247
Decimal	16509175
CIE _{Lab}	94.00, 9.01, -4.93
CIE _{LCh}	94, 10.271, 331.340
Yxy	85.2715, 0.3161, 0.3143
Android (android.graphics.Color)	4294699255 (0xFFFFBE8F7)
YUV	239.3910, 3.7512, 10.1811
Hunter-Lab	92.3426, 4.1728, 0.2596

Details

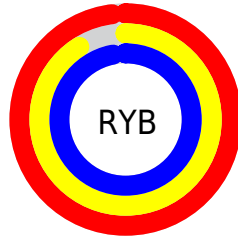
The CIELCh color `94, 10.271, 331.340` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 10.234, 150.443`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 10.547, 329.921` is the 20% darker color. If you saturate the color by 10%, you get `88, 23.991, 332.015`, and if you desaturate by 10%, it is `100, 1.710, 157.007`.

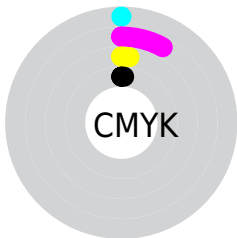
Distribution



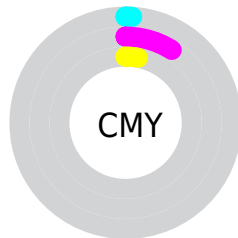
- Red (98%)
- Green (91%)
- Blue (97%)



- Red (98%)
- Yellow (91%)
- Blue (97%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.271, 331.340 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, 10.271, 331.340 by changing the saturation by 10% instead.


 94, 10.271,
331.340


 94, 10.271,
331.340


 100, 10.271,
331.340


 84, 10.271,
331.340

 74, 10.271,
331.340

 64, 10.271,
331.340

 54, 10.271,
331.340

 44, 10.271,
331.340

 34, 10.271,
331.340

 24, 10.271,

331.340

■ 14, 10.271,
331.340

■ 4, 10.271, 331.340

■ 94, 10.271,
331.340

■ 94, 10.271,
331.340

■ 88, 23.991,
332.015

■ 100, 1.710,
157.007

■ 82, 37.700,
332.699

■ 100, 1.244,
199.859

■ 76, 51.099,
333.407

■ 71, 63.764,
334.141

■ 67, 75.150,
334.910

■ 63, 84.625,
335.726

■ 60, 91.585,
336.614

■ 58, 95.628,
337.612

■ 57, 96.800,
338.762

Harmonies

Complementary

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



94, 10.271, 331.340



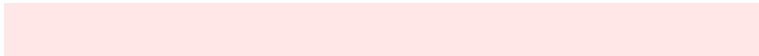
97, 10.234, 150.443

Rectangle

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



94, 10.271, 331.340



94, 10.271, 21.340



94, 10.271, 151.340



94, 10.271, 201.340

Sweetspot

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



94, 10.268, 331.342



99, 2.742, 330.890



93, 9.929, 298.529



53, 1.559, 330.877



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

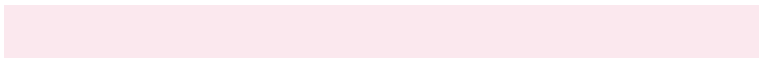
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 10.268, 331.342



94, 12.381, 331.440



94, 7.416, 356.601



49, 7.695, 331.473



43, 78.283, 338.827



11, 36.125, 337.217

Inverse Universe

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



94, 10.268, 331.342



94, 12.381, 331.440



97, 7.252, 175.339



49, 7.695, 331.473



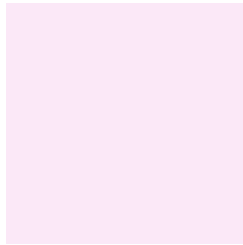
43, 78.283, 338.827



11, 36.125, 337.217

Previews

White Background



This preview shows how the CIELCh color 94, 10.271, 331.340 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, 10.271, 331.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

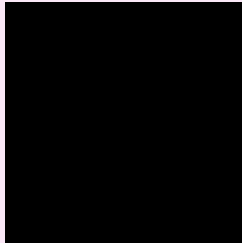
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.271, 331.340

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.271, 331.340.

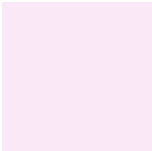
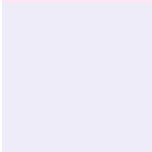



This preview shows how white text looks on a background with the CIELCh color 94, 10.271, 331.340.

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](#).

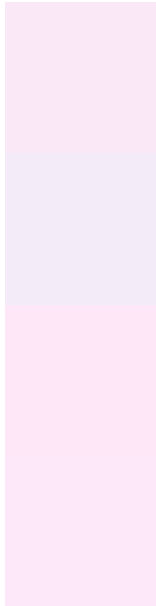
Dichromacy

	Original Color 94, 10.271, 331.340
	Protanopia 94, 7.309, 298.922
	Deuteranopia 94, 11.865, 336.301



Tritanopia
94, 11.681, 327.705

Trichromacy



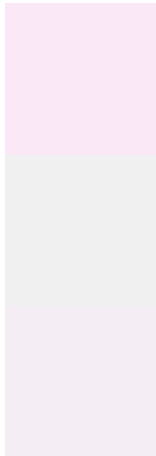
Original Color
94, 10.271, 331.340

Protanomaly
94, 7.909, 314.106

Deuteranomaly
94, 10.996, 335.599

Tritanomaly
94, 11.279, 329.289

Monochromacy



Original Color
94, 10.271, 331.340

Achromatopsia
95, 0.011, 296.813

Achromatomaly
94, 3.981, 328.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.271, 331.340 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(251, 232, 247)` looks like.

```
.text, #text, p{  
    color:rgb(251, 232, 247)  
}
```

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(251, 232, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 232, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.271, 331.340 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(251, 232, 247) }
```

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

```
.border{ border-color:rgb(251, 232, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 232, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 232, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 232, 247); box-shadow:4px 4px 4px 4px rgb(251, 232, 247) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.271, 331.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 232, 247) }
```

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

```
.background{ background-color: rgb(251,  
232, 247) }
```

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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