

Converting Colors

CIELCh(94, 10.735, 342.739)

Have a look what the booklet for
CIELCh(94, 10.735, 342.739)
contains.

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Color

CIELCh(94, 10.867, 342.193)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7F4
RGB	255, 231, 244
RGB Percent	100%, 91%, 96%
CMY	0.0000, 0.0925, 0.0415
CMYK	0.00, 0.09, 0.04, 0.00
HSL	327°, 100%, 95%
HSV	327°, 9%, 100%
XYZ	86.4704, 85.2715, 97.8130
YIQ	239.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

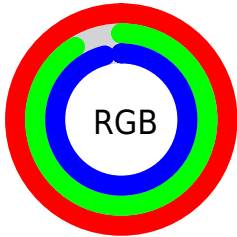
Format	Color
R _Y B	255, 231, 244
Decimal	16771060
CIE Lab	94.00, 10.35, -3.32
CIE LCh	94, 10.867, 342.193
Yxy	85.2715, 0.3208, 0.3163
Android (android.graphics.Color)	4294961140 (0xFFFFE7F4)
YUV	239.6580, 2.1406, 13.4549
Hunter-Lab	92.3426, 5.5495, 1.8375

Details

The CIELCh color **94, 10.867, 342.193** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 10.641, 160.297**, 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, 11.124, 341.177** is the 20% darker color. If you saturate the color by 10%, you get **88, 22.577, 342.601**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

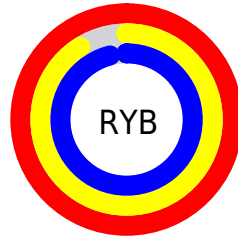
Distribution



Red (100%)

Green (91%)

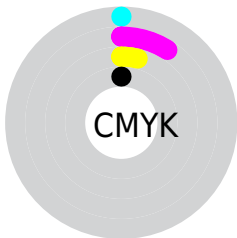
Blue (96%)



Red (100%)

Yellow (91%)

Blue (96%)

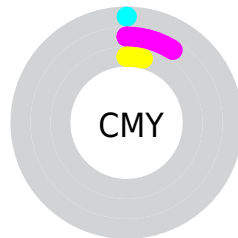


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.867, 342.193 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, 10.867, 342.193 by changing the saturation by 10% instead.


 94, 10.867,
342.193


 94, 10.867,
342.193


 100, 10.867,
342.193


 84, 10.867,
342.193

 74, 10.867,
342.193

 64, 10.867,
342.193

 54, 10.867,
342.193

 44, 10.867,
342.193

 34, 10.867,
342.193

 24, 10.867,

342.193

■ 14, 10.867,
342.193

■ 4, 10.867, 342.193

■ 94, 10.867,
342.193

■ 94, 10.867,
342.193

■ 88, 22.577,
342.601

100, 0.012,
296.813

■ 81, 34.467,
343.580

■ 76, 46.154,
344.680

■ 70, 57.244,
345.942

■ 66, 67.211,
347.428

■ 62, 75.439,
349.228

■ 58, 81.347,
351.463

■ 56, 84.605,
354.282

■ 55, 85.511,
357.784

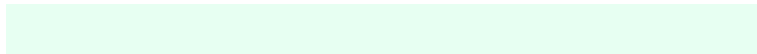
Harmonies

Complementary

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



94, 10.867, 342.193



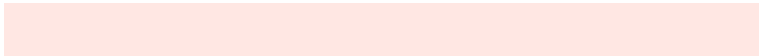
98, 10.641, 160.297

Rectangle

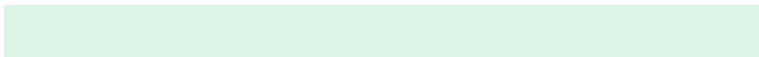
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 10.867, 342.193



94, 10.867, 32.193



94, 10.867, 162.193



94, 10.867, 212.193

Sweetspot

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



94, 10.749, 341.702



98, 3.464, 341.103



93, 12.736, 307.148



52, 2.628, 341.195



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

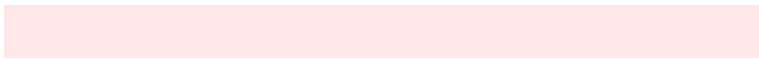
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 10.749, 341.702



93, 12.804, 341.856



94, 8.561, 14.531



50, 6.608, 341.724



41, 69.068, 357.343



11, 32.441, 352.550

Inverse Universe

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



94, 10.749, 341.702



93, 12.804, 341.856



98, 8.130, 193.296



50, 6.608, 341.724



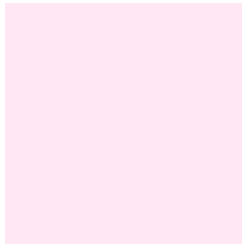
41, 69.068, 357.343



11, 32.441, 352.550

Previews

White Background



This preview shows how the CIELCh color 94, 10.867, 342.193 looks on a white background.

Color Contrast Check

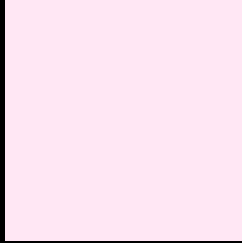
Large Text (above 18pt) WCAG AA × Fail

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, 10.867, 342.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

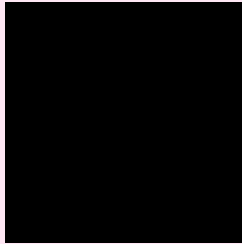
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.867, 342.193

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.867, 342.193.

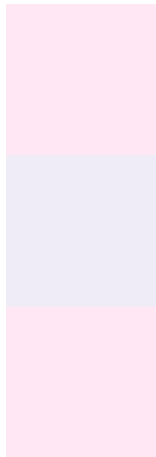


This preview shows how white text looks on a background with the CIELCh color 94, 10.867, 342.193.

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, 10.867, 342.193

Protanopia

94, 5.784, 301.035

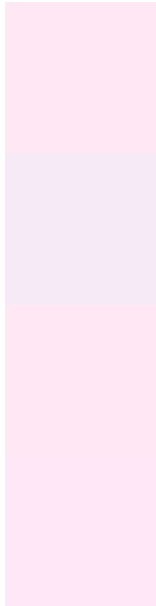
Deuteranopia

94, 10.867, 342.193



Tritanopia
94, 12.223, 334.562

Trichromacy



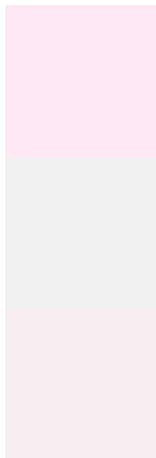
Original Color
94, 10.867, 342.193

Protanomaly
94, 7.334, 322.385

Deuteranomaly
94, 10.867, 342.193

Tritanomaly
94, 11.865, 336.301

Monochromacy



Original Color
94, 10.867, 342.193

Achromatopsia
95, 0.011, 296.813

Achromatomaly
94, 3.849, 337.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.867, 342.193 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(255, 231, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 244)  
}
```

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(255, 231, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.867, 342.193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

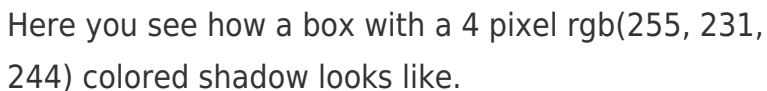
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 231, 244) }
```

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

```
.border{ border-color:rgb(255, 231, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 231, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 231, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 231, 244); box-shadow:4px 4px 4px 4px rgb(255, 231, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.867, 342.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 244) }
```

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

```
.background{ background-color: rgb(255,  
231, 244) }
```

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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