

Converting Colors

CIELCh(100, 35.054, 13.891)

Have a look what the booklet for
CIELCh(100, 35.054, 13.891)
contains.

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Color

CIELCh(94, 10.331, 350.266)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7F1
RGB	255, 231, 241
RGB Percent	100%, 91%, 95%
CMY	0.0000, 0.0926, 0.0533
CMYK	0.00, 0.09, 0.05, 0.00
HSL	335°, 100%, 95%
HSV	335°, 9%, 100%
XYZ	86.3826, 85.2715, 95.4352
YIQ	239.3160, 11.0940, 8.1980

Conversions

Conversions Part 2

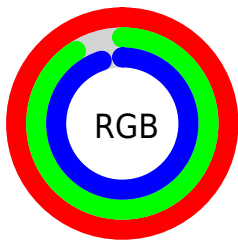
Format	Color
R _Y B	255, 231, 241
Decimal	16771057
CIE Lab	94.00, 10.18, -1.75
CIE LCh	94, 10.331, 350.266
Yxy	85.2715, 0.3234, 0.3193
Android (android.graphics.Color)	4294961137 (0xFFFFE7F1)
YUV	239.3160, 0.8302, 13.7549
Hunter-Lab	92.3426, 5.3796, 3.3641

Details

The CIELCh color $94, 10.331, 350.266$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $98, 9.722, 167.201$, 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 $74, 10.207, 348.316$ is the 20% darker color. If you saturate the color by 10%, you get $87, 20.855, 349.790$, and if you desaturate by 10%, it is $100, 0.012, 296.813$.

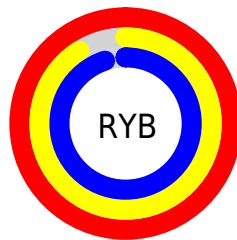
Distribution



Red (100%)

Green (91%)

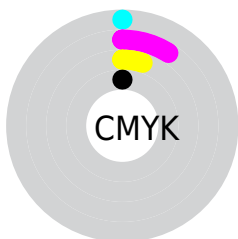
Blue (95%)



Red (100%)

Yellow (91%)

Blue (95%)

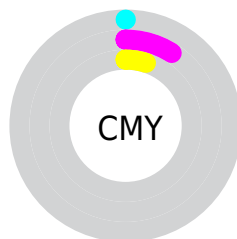


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.331, 350.266 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, 10.331, 350.266 by changing the saturation by 10% instead.


 94, 10.331,
350.266


 94, 10.331,
350.266

 100, 10.331,
350.266


 84, 10.331,
350.266


 74, 10.331,
350.266

 64, 10.331,
350.266

 54, 10.331,
350.266

 44, 10.331,
350.266

 34, 10.331,
350.266

 24, 10.331,

350.266

■ 14, 10.331,
350.266

■ 4, 10.331, 350.266

■ 94, 10.331,
350.266

■ 94, 10.331,
350.266

■ 87, 20.855,
349.790

100, 0.012,
296.813

■ 81, 31.988,
350.950

■ 75, 43.059,
352.295

■ 70, 53.717,
353.893

■ 65, 63.482,
355.841

■ 61, 71.788,
358.274

■ 58, 78.114, 1.362

■ 56, 82.216, 5.285

■ 54, 84.487, 10.097

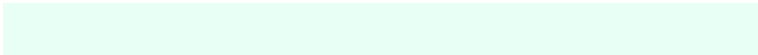
Harmonies

Complementary

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



94, 10.331, 350.266



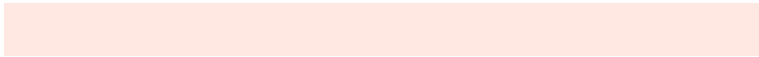
98, 9.722, 167.201

Rectangle

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



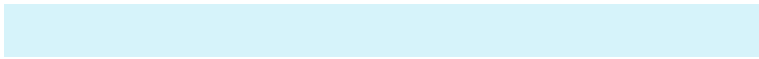
94, 10.331, 350.266



94, 10.331, 40.266



94, 10.331, 170.266



94, 10.331, 220.266

Sweetspot

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



94, 9.891, 348.754



98, 3.177, 348.071



93, 13.095, 311.748



52, 2.411, 348.177



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

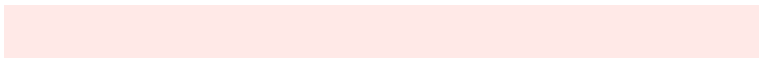
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.891, 348.754



93, 11.781, 348.929



94, 8.016, 25.635



50, 6.076, 348.779



41, 68.098, 9.490



10, 31.366, 2.775

Inverse Universe

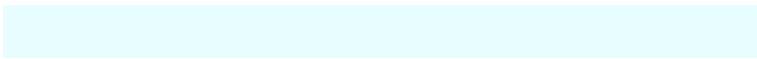
The Inverse Universe completely reimagines the original color for something new.



94, 9.891, 348.754



93, 11.781, 348.929



98, 7.547, 205.145



50, 6.076, 348.779



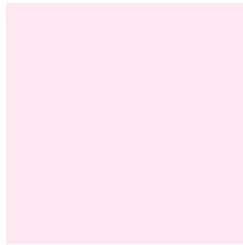
41, 68.098, 9.490



10, 31.366, 2.775

Previews

White Background



This preview shows how the CIELCh color 94, 10.331, 350.266 looks on a white background.

Color Contrast Check

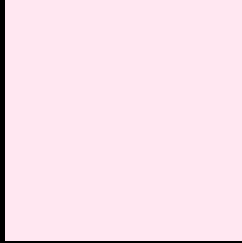
Large Text (above 18pt) WCAG AA × Fail

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, 10.331, 350.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

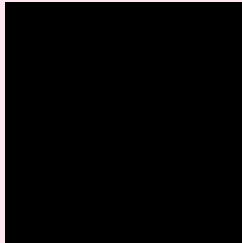
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.331, 350.266

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.331, 350.266.

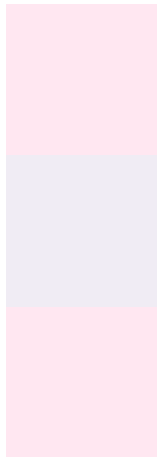


This preview shows how white text looks on a background with the CIELCh color 94, 10.331, 350.266.

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, 10.013, 349.202

Protanopia

94, 4.379, 309.181

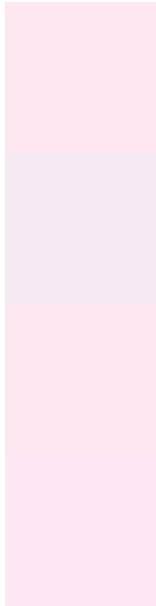
Deuteranopia

94, 10.013, 349.202



Tritanopia
94, 12.223, 334.562

Trichromacy



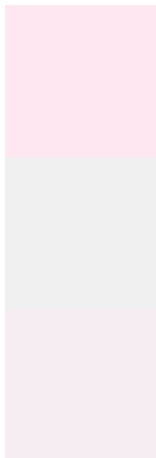
Original Color
94, 10.013, 349.202

Protanomaly
94, 6.085, 330.118

Deuteranomaly
94, 10.013, 349.202

Tritanomaly
94, 11.519, 338.149

Monochromacy



Original Color
94, 10.013, 349.202

Achromatopsia
95, 0.011, 296.813

Achromatomaly
94, 3.524, 343.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.331, 350.266 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.331, 350.266 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, 241) }
```

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

```
.border{ border-color:rgb(255, 231, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.331, 350.266 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
231, 241) }
```

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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