

Converting Colors

CIELCh(94, 9.665, 348.163)

Have a look what the booklet for
CIELCh(94, 9.665, 348.163) contains.

CIELCh(94, 9.699, 348.074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 9.699, 348.074)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8F2
RGB	255, 232, 242
RGB Percent	100%, 91%, 95%
CMY	0.0005, 0.0907, 0.0515
CMYK	0.00, 0.09, 0.05, 0.00
HSL	334°, 99%, 95%
HSV	334°, 9%, 100%
XYZ	86.0125, 85.2715, 95.8210
YIQ	240.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

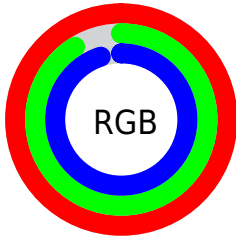
Format	Color
R _Y B	255, 232, 242
Decimal	16771314
CIE Lab	94.00, 9.49, -2.00
CIE LCh	94, 9.699, 348.074
Yxy	85.2715, 0.3220, 0.3192
Android (android.graphics.Color)	4294961394 (0xFFFFE8F2)
YUV	240.0170, 0.9776, 13.1401
Hunter-Lab	92.3426, 4.6643, 3.1164

Details

The CIELCh color **94, 9.699, 348.074** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 9.541, 166.584**, 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, 9.879, 347.104** is the 20% darker color. If you saturate the color by 10%, you get **88, 20.716, 349.103**, and if you desaturate by 10%, it is **100, 0.048, 213.266**.

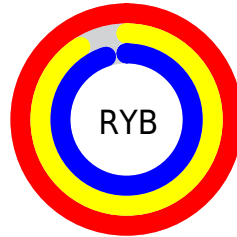
Distribution



Red (100%)

Green (91%)

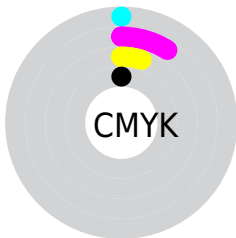
Blue (95%)



Red (100%)

Yellow (91%)

Blue (95%)

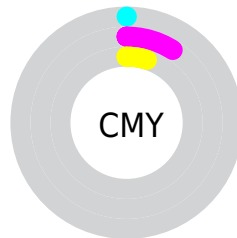


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.699, 348.074 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, 9.699, 348.074 by changing the saturation by 10% instead.

 94, 9.699, 348.074

 94, 9.699, 348.074

 100, 9.699,
348.074

 84, 9.699, 348.074

 74, 9.699, 348.074

 64, 9.699, 348.074

 54, 9.699, 348.074

 44, 9.699, 348.074

 34, 9.699, 348.074

 24, 9.699, 348.074

 14, 9.699, 348.074

 4, 9.699, 348.074

94, 9.699, 348.074

94, 9.699, 348.074

88, 20.716,
349.103

100, 0.048,
213.266

81, 31.898,
350.245

75, 43.010,
351.564

70, 53.703,
353.127

65, 63.493,
355.027

61, 71.810,
357.393

58, 78.124, 0.393

56, 82.173, 4.207

■ 55, 84.311, 8.907

Harmonies

Complementary

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



94, 9.699, 348.074



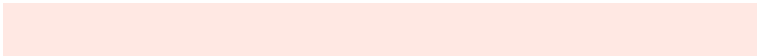
98, 9.541, 166.584

Rectangle

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



94, 9.699, 348.074



94, 9.699, 38.074



94, 9.699, 168.074



94, 9.699, 218.074

Sweetspot

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



94, 9.696, 348.080



98, 3.200, 347.427



94, 12.704, 311.174



52, 2.428, 347.532



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

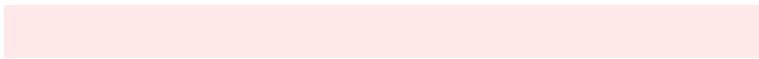
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.696, 348.080



93, 11.861, 348.277



94, 7.922, 24.123



50, 6.117, 348.128



41, 68.037, 8.429



10, 31.410, 1.861

Inverse Universe

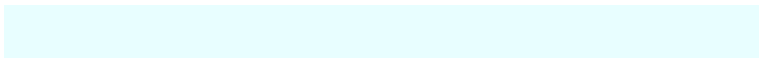
The Inverse Universe completely reimagines the original color for something new.



94, 9.696, 348.080



93, 11.861, 348.277



98, 7.472, 203.538



50, 6.117, 348.128



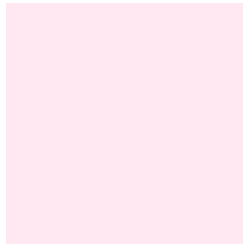
41, 68.037, 8.429



10, 31.410, 1.861

Previews

White Background



This preview shows how the CIELCh color 94, 9.699, 348.074 looks on a white background.

Color Contrast Check

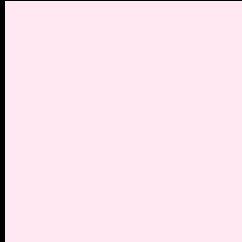
Large Text (above 18pt) WCAG AA × Fail

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, 9.699, 348.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

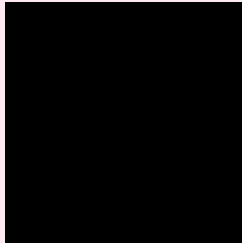
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.699, 348.074

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.699, 348.074.

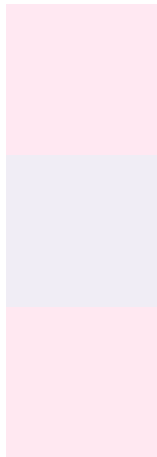


This preview shows how white text looks on a background with the CIELCh color 94, 9.699, 348.074.

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, 9.699, 348.074

Protanopia

94, 4.272, 304.734

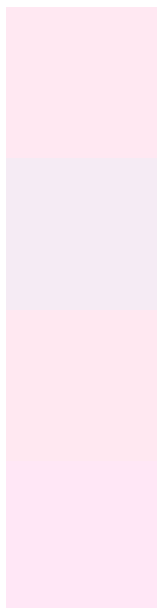
Deuteranopia

94, 9.443, 350.728



Tritanopia
94, 12.223, 334.562

Trichromacy



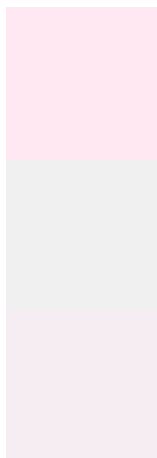
Original Color
94, 9.699, 348.074

Protanomaly
94, 5.859, 327.453

Deuteranomaly
94, 9.443, 350.728

Tritanomaly
94, 11.519, 338.149

Monochromacy



Original Color
94, 9.699, 348.074

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, 9.699, 348.074 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, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 242)  
}
```

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, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.699, 348.074 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, 232, 242) }
```

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

```
.border{ border-color:rgb(255, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.699, 348.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 242) }
```

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

```
.background{ background-color: rgb(255,  
232, 242) }
```

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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