

Converting Colors

CIELCh(96, 17.889, 356.076)

Have a look what the booklet for
CIELCh(96, 17.889, 356.076)
contains.

CIELCh(94, 10.908, 338.870)	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, 10.908, 338.870)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8F6
RGB	255, 232, 246
RGB Percent	100%, 91%, 96%
CMY	0.0017, 0.0919, 0.0370
CMYK	0.00, 0.09, 0.04, 0.00
HSL	323°, 96%, 95%
HSV	323°, 9%, 100%
XYZ	86.3785, 85.2715, 98.7418
YIQ	240.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

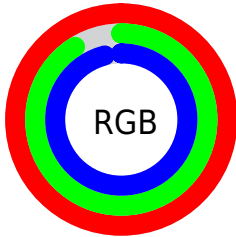
Format	Color
R_{YB}	255, 232, 246
Decimal	16771318
CIE _{Lab}	94.00, 10.17, -3.93
CIE _{LCh}	94, 10.908, 338.870
Yxy	85.2715, 0.3195, 0.3154
Android (android.graphics.Color)	4294961398 (0xFFFFE8F6)
YUV	240.4730, 2.7248, 12.7402
Hunter-Lab	92.3426, 5.3717, 1.2411

Details

The CIELCh color **94, 10.908, 338.870** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 10.822, 157.578**, 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, 11.178, 337.756** is the 20% darker color. If you saturate the color by 10%, you get **88, 23.165, 339.709**, and if you desaturate by 10%, it is **100, 0.153, 203.728**.

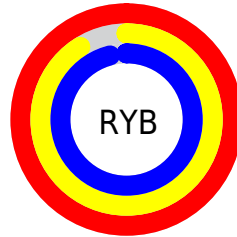
Distribution



Red (100%)

Green (91%)

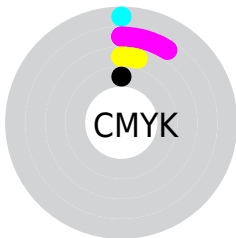
Blue (96%)



Red (100%)

Yellow (91%)

Blue (96%)

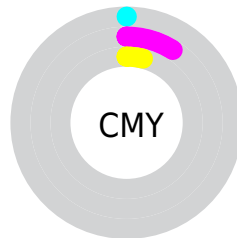


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.908, 338.870 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, 10.908, 338.870 by changing the saturation by 10% instead.


 94, 10.908,
338.870


 94, 10.908,
338.870


 100, 10.908,
338.870


 84, 10.908,
338.870

 74, 10.908,
338.870

 64, 10.908,
338.870

 54, 10.908,
338.870

 44, 10.908,
338.870

 34, 10.908,
338.870

 24, 10.908,

338.870

■ 14, 10.908,
338.870

■ 4, 10.908, 338.870

■ 94, 10.908,
338.870

■ 94, 10.908,
338.870

■ 88, 23.165,
339.709

100, 0.153,
203.728

■ 82, 35.457,
340.607

■ 76, 47.501,
341.596

■ 71, 58.892,
342.710

■ 66, 69.094,
343.993

■ 62, 77.477,
345.513

■ 59, 83.445,
347.366

■ 57, 86.640,
349.672

■ 56, 87.297,
352.524

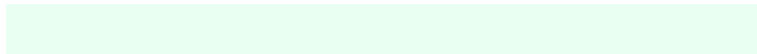
Harmonies

Complementary

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



94, 10.908, 338.870



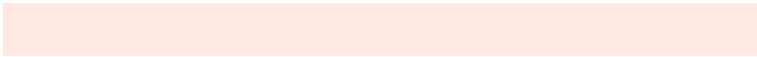
98, 10.822, 157.578

Rectangle

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



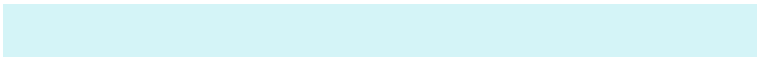
94, 10.908, 338.870



94, 10.908, 28.870



94, 10.908, 158.870



94, 10.908, 208.870

Sweetspot

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



94, 10.905, 338.873



98, 3.610, 338.331



93, 12.303, 305.358



52, 2.737, 338.417



0, 0.000, 0.000



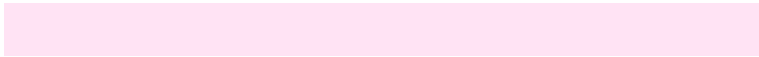
53, 0.007, 296.813

Same Dimension

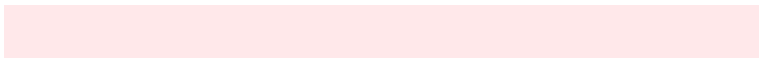
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 10.905, 338.873



93, 13.327, 339.036



94, 8.402, 10.507



50, 6.879, 338.912



42, 70.635, 352.236



11, 33.290, 348.346

Inverse Universe

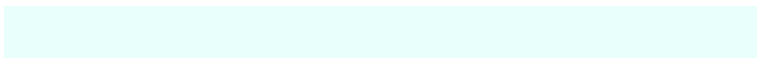
The Inverse Universe completely reimagines the original color for something new.



94, 10.905, 338.873



93, 13.327, 339.036



98, 8.032, 189.152



50, 6.879, 338.912



42, 70.635, 352.236



11, 33.290, 348.346

Previews

White Background



This preview shows how the CIELCh color 94, 10.908, 338.870 looks on a white background.

Color Contrast Check

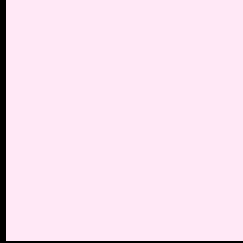
Large Text (above 18pt) WCAG AA × Fail

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, 10.908, 338.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

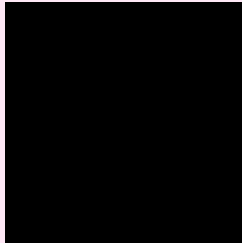
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.908, 338.870

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.908, 338.870.

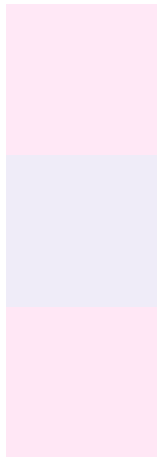


This preview shows how white text looks on a background with the CIELCh color 94, 10.908, 338.870.

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, 10.908, 338.870

Protanopia

94, 6.291, 300.211

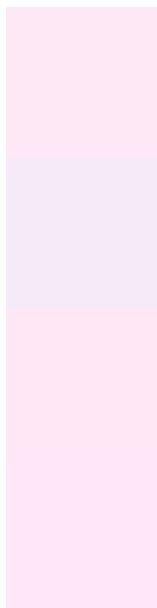
Deuteranopia

94, 11.186, 340.111



Tritanopia
94, 12.592, 332.927

Trichromacy



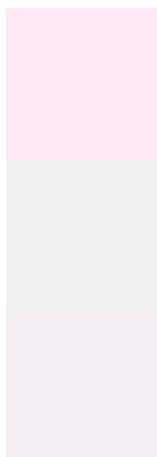
Original Color
94, 10.908, 338.870

Protanomaly
94, 7.774, 320.382

Deuteranomaly
94, 11.186, 340.111

Tritanomaly
94, 12.223, 334.562

Monochromacy



Original Color
94, 10.908, 338.870

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, 10.908, 338.870 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 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(255, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.908, 338.870 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, 246) }
```

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

```
.border{ border-color:rgb(255, 232, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.908, 338.870 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, 246) }
```

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

```
.background{ background-color: rgb(255,  
232, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor