

Converting Colors

CIELCh(100, 30.831, 17.466)

Have a look what the booklet for
CIELCh(100, 30.831, 17.466)
contains.

CIELCh(94, 7.812, 4.670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(94, 7.812, 4.670)

Conversions

Conversions Part 1

Format	Color
Hex	FEE9ED
RGB	254, 233, 237
RGB Percent	100%, 91%, 93%
CMY	0.0049, 0.0872, 0.0715
CMYK	0.00, 0.08, 0.07, 0.00
HSL	349°, 89%, 95%
HSV	349°, 8%, 100%
XYZ	85.1068, 85.2715, 91.9152
YIQ	239.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

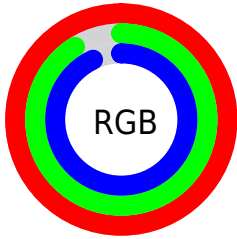
Format	Color
R _Y B	254, 233, 237
Decimal	16706029
CIE Lab	94.00, 7.79, 0.64
CIE LCh	94, 7.812, 4.670
Yxy	85.2715, 0.3245, 0.3251
Android (android.graphics.Color)	4294896109 (0xFFFE9ED)
YUV	239.7350, -1.3484, 12.5104
Hunter-Lab	92.3426, 2.9135, 5.6242

Details

The CIELCh color **94, 7.812, 4.670** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 7.549, 183.336**, 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, 7.873, 4.138** is the 20% darker color. If you saturate the color by 10%, you get **87, 17.724, 5.807**, and if you desaturate by 10%, it is **100, 0.434, 200.904**.

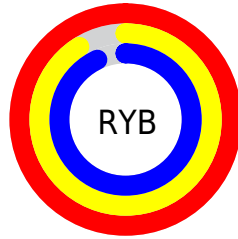
Distribution



Red (100%)

Green (91%)

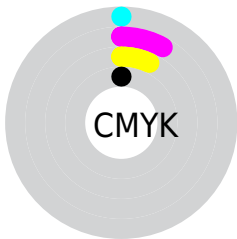
Blue (93%)



Red (100%)

Yellow (91%)

Blue (93%)

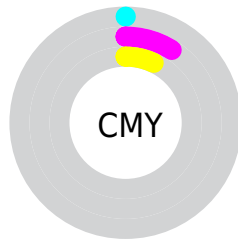


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.812, 4.670 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, 7.812, 4.670 by changing the saturation by 10% instead.

 94, 7.812, 4.670

 94, 7.812, 4.670

 100, 7.812, 4.670

 84, 7.812, 4.670

 74, 7.812, 4.670

 64, 7.812, 4.670

 54, 7.812, 4.670

 44, 7.812, 4.670

 34, 7.812, 4.670

 24, 7.812, 4.670

 14, 7.812, 4.670

 4, 7.812, 4.670

94, 7.812, 4.670

94, 7.812, 4.670

87, 17.724, 5.807

100, 0.434,
200.904

81, 28.102, 7.114

75, 38.813, 8.701

69, 49.624, 10.671

64, 60.191, 13.159

60, 70.093, 16.318

57, 78.944, 20.291

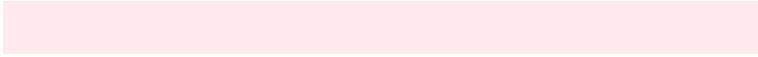
54, 86.563, 25.098

53, 93.062, 30.428

Harmonies

Complementary

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



94, 7.812, 4.670



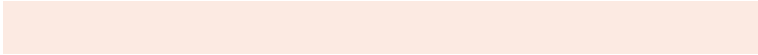
98, 7.549, 183.336

Rectangle

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



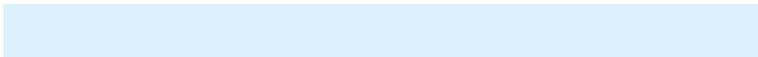
94, 7.812, 4.670



94, 7.812, 54.670



94, 7.812, 184.670



94, 7.812, 234.670

Sweetspot

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



94, 7.810, 4.682



99, 1.867, 3.840



94, 12.344, 319.159



53, 1.062, 3.814



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

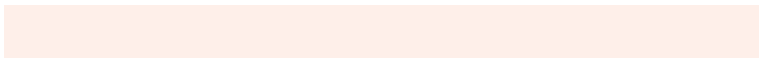
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.810, 4.682



93, 9.531, 4.871



95, 6.184, 50.917



50, 5.411, 4.817



40, 75.424, 30.310



10, 32.041, 19.210

Inverse Universe

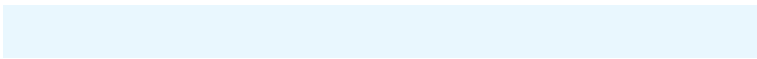
The Inverse Universe completely reimagines the original color for something new.



94, 7.810, 4.682



93, 9.531, 4.871



97, 5.917, 232.277



50, 5.411, 4.817



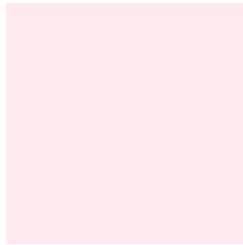
40, 75.424, 30.310



10, 32.041, 19.210

Previews

White Background



This preview shows how the CIELCh color 94, 7.812, 4.670 looks on a white background.

Color Contrast Check

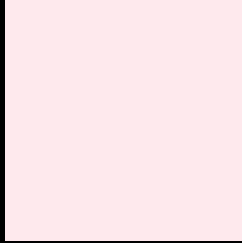
Large Text (above 18pt) WCAG AA × Fail

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, 7.812, 4.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

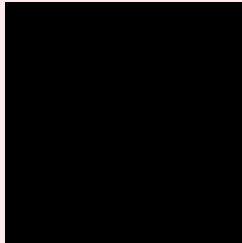
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

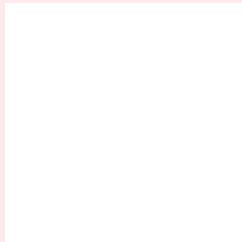
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.812, 4.670

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.812, 4.670.

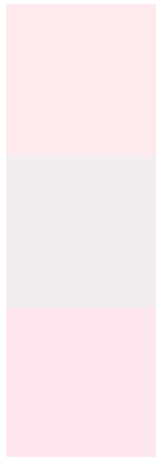


This preview shows how white text looks on a background with the CIELCh color 94, 7.812, 4.670.

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, 7.818, 4.673

Protanopia

94, 2.064, 349.351

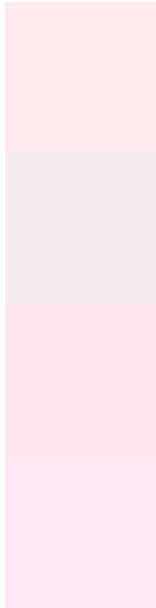
Deuteranopia

94, 8.657, 2.723



Tritanopia
94, 12.592, 332.927

Trichromacy



Original Color

94, 7.818, 4.673

Protanomaly

94, 4.225, 358.161

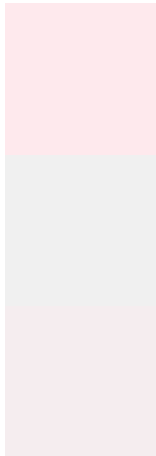
Deuteranomaly

94, 8.657, 2.723

Tritanomaly

94, 10.581, 340.967

Monochromacy



Original Color

94, 7.818, 4.673

Achromatopsia

95, 0.011, 296.813

Achromatomaly

94, 3.035, 359.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.812, 4.670 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(254, 233, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 233, 237)  
}
```

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(254, 233, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 233, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.812, 4.670 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(254, 233, 237) }
```

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

```
.border{ border-color:rgb(254, 233, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 233, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 233, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 233, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 233,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.812, 4.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 233, 237) }
```

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

```
.background{ background-color: rgb(254,  
233, 237) }
```

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