

Converting Colors

CIELCh(94, 7.468, 19.783)

Have a look what the booklet for
CIELCh(94, 7.468, 19.783) contains.

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Color

CIELCh(94, 7.578, 19.844)

Conversions

Conversions Part 1

Format	Color
Hex	FEE9E9
RGB	254, 233, 233
RGB Percent	100%, 91%, 91%
CMY	0.0037, 0.0861, 0.0861
CMYK	0.00, 0.08, 0.08, 0.00
HSL	0°, 92%, 96%
HSV	0°, 8%, 100%
XYZ	84.7586, 85.2715, 89.1192
YIQ	239.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

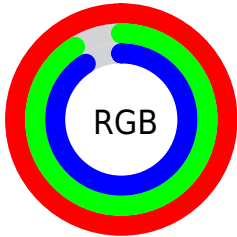
Format	Color
R _Y B	254, 233, 233
Decimal	16706025
CIE Lab	94.00, 7.13, 2.57
CIE LCh	94, 7.578, 19.844
Yxy	85.2715, 0.3271, 0.3290
Android (android.graphics.Color)	4294896105 (0xFFFE9E9E)
YUV	239.2790, -3.0955, 12.9103
Hunter-Lab	92.3426, 2.2405, 7.4194

Details

The CIELCh color `94, 7.578, 19.844` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 7.189, 199.059`, 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, 7.624, 19.983` is the 20% darker color. If you saturate the color by 10%, you get `87, 17.422, 20.704`, and if you desaturate by 10%, it is `100, 0.330, 201.394`.

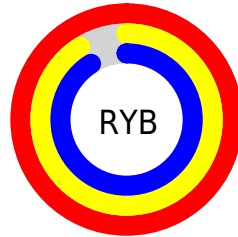
Distribution



Red (100%)

Green (91%)

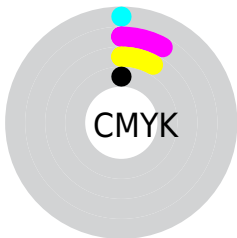
Blue (91%)



Red (100%)

Yellow (91%)

Blue (91%)

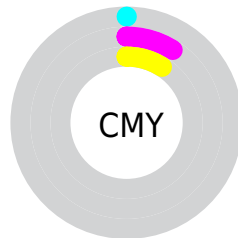


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.578, 19.844 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, 7.578, 19.844 by changing the saturation by 10% instead.



94, 7.578, 19.844

94, 7.578, 19.844

87, 17.422, 20.704

100, 0.330,
201.394

81, 28.027, 21.752

75, 39.344, 23.114

69, 51.234, 24.898

64, 63.438, 27.219

59, 75.572, 30.157

56, 87.096, 33.638

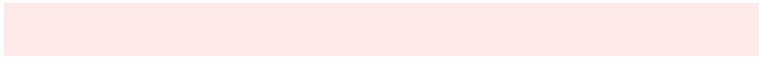
54, 97.020, 37.175

53, 103.384,
39.646

Harmonies

Complementary

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



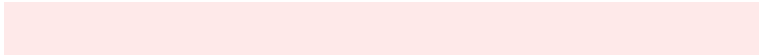
94, 7.578, 19.844



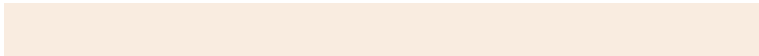
98, 7.189, 199.059

Rectangle

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



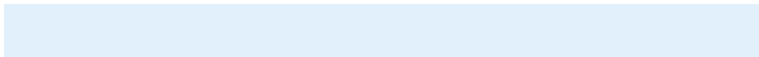
94, 7.578, 19.844



94, 7.578, 69.844



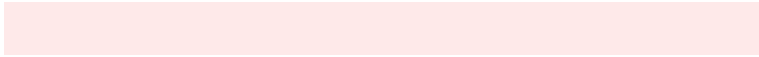
94, 7.578, 199.844



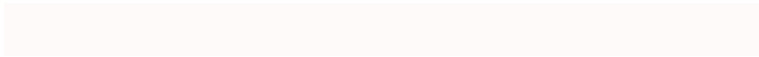
94, 7.578, 249.844

Sweetspot

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



94, 7.576, 19.861



99, 1.794, 19.176



95, 13.118, 324.875



53, 1.020, 19.150



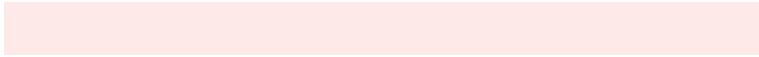
0, 0.000, 0.000



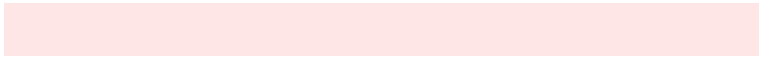
53, 0.007, 296.813

Same Dimension

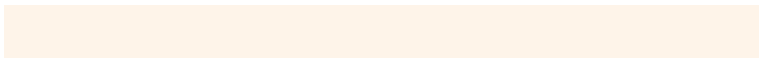
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.576, 19.861



93, 9.257, 20.000



97, 6.540, 74.339



49, 5.253, 19.960



40, 84.227, 40.002



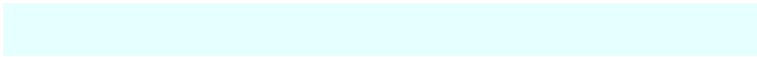
10, 33.363, 27.187

Inverse Universe

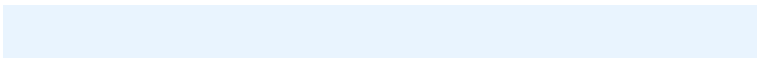
The Inverse Universe completely reimagines the original color for something new.



98, 7.189, 199.059



98, 8.685, 198.951



96, 6.418, 256.562



52, 4.944, 198.981



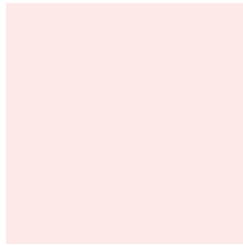
70, 40.353, 196.419



24, 18.565, 196.415

Previews

White Background



This preview shows how the CIELCh color 94, 7.578, 19.844 looks on a white background.

Color Contrast Check

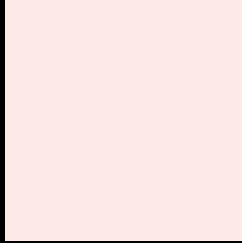
Large Text (above 18pt) WCAG AA × Fail

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, 7.578, 19.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

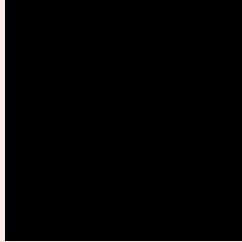
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

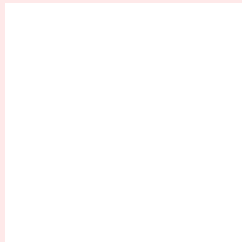
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.578, 19.844

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.578, 19.844.

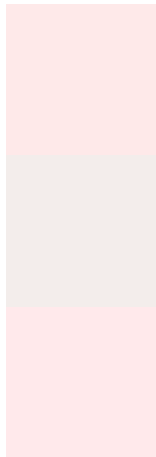


This preview shows how white text looks on a background with the CIELCh color 94, 7.578, 19.844.

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, 7.578, 19.844

Protanopia

94, 2.361, 45.014

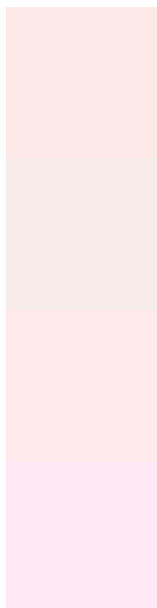
Deuteranopia

94, 7.991, 12.521



Tritanopia
94, 12.223, 334.562

Trichromacy



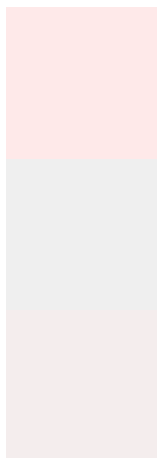
Original Color
94, 7.578, 19.844

Protanomaly
94, 4.065, 34.115

Deuteranomaly
94, 7.951, 16.187

Tritanomaly
94, 9.975, 345.565

Monochromacy



Original Color
94, 7.578, 19.844

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.492, 19.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.578, 19.844 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, 233)` looks like.

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

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, 233) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 94, 7.578, 19.844 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, 233) }
```

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

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

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, 233)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 94, 7.578, 19.844 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, 233) }
```

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

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

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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