

Converting Colors

CIELCh(94, 4.303, 21.526)

Have a look what the booklet for
CIELCh(94, 4.303, 21.526) contains.

CIELCh(94, 4.295, 19.553)	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, 4.295, 19.553)

Conversions

Conversions Part 1

Format	Color
Hex	F7EBEB
RGB	247, 235, 235
RGB Percent	97%, 92%, 92%
CMY	0.0310, 0.0780, 0.0780
CMYK	0.00, 0.05, 0.05, 0.03
HSL	0°, 43%, 95%
HSV	0°, 5%, 97%
XYZ	83.1413, 85.2715, 90.7511
YIQ	238.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

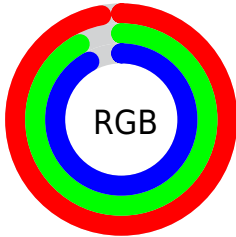
Format	Color
R _Y B	247, 235, 235
Decimal	16247787
CIE Lab	94.00, 4.05, 1.44
CIE LCh	94, 4.295, 19.553
Yxy	85.2715, 0.3208, 0.3290
Android (android.graphics.Color)	4294437867 (0xFFFF7EBEB)
YUV	238.5880, -1.7689, 7.3773
Hunter-Lab	92.3426, -0.8858, 6.3717

Details

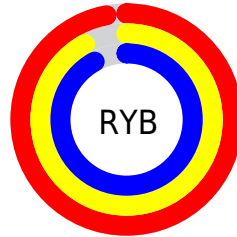
The CIELCh color **94, 4.295, 19.553** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **96, 4.163, 199.321**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 4.531, 19.672** is the 20% darker color. If you saturate the color by 10%, you get **87, 13.666, 20.410**, and if you desaturate by 10%, it is **99, 2.735, 199.474**.

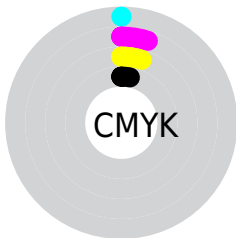
Distribution



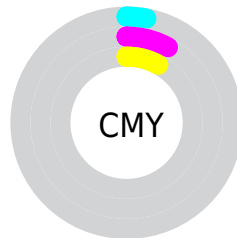
- Red (97%)
- Green (92%)
- Blue (92%)



- Red (97%)
- Yellow (92%)
- Blue (92%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.295, 19.553 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, 4.295, 19.553 by changing the saturation by 10% instead.

 94, 4.295, 19.553

 94, 4.295, 19.553

 100, 4.295, 19.553

 84, 4.295, 19.553

 74, 4.295, 19.553

 64, 4.295, 19.553

 54, 4.295, 19.553

 44, 4.295, 19.553

 34, 4.295, 19.553

 24, 4.295, 19.553

 14, 4.295, 19.553

 4, 4.295, 19.553

94, 4.295, 19.553

94, 4.295, 19.553

87, 13.666, 20.410

99, 2.735, 199.474

81, 23.780, 21.371

75, 34.614, 22.611

69, 46.067, 24.233

64, 57.929, 26.350

59, 69.868, 29.063

56, 81.422, 32.373

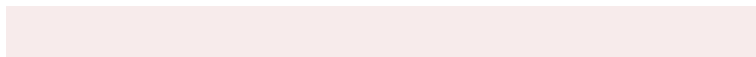
53, 91.845, 35.981

52, 99.504, 38.950

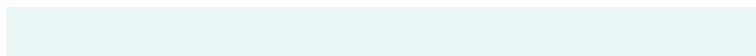
Harmonies

Complementary

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



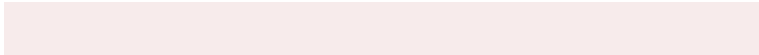
94, 4.295, 19.553



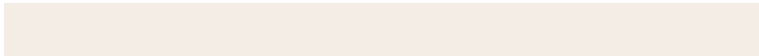
96, 4.163, 199.321

Rectangle

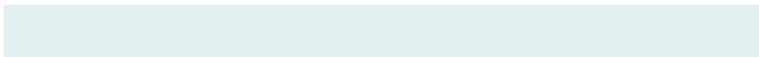
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



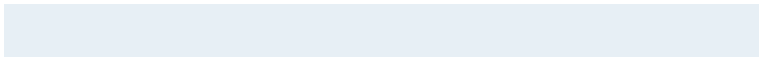
94, 4.295, 19.553



94, 4.295, 69.553



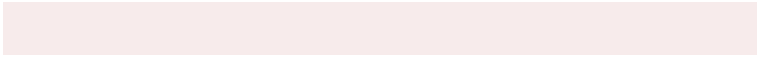
94, 4.295, 199.553



94, 4.295, 249.553

Sweetspot

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



94, 4.293, 19.582



99, 0.894, 18.757



94, 7.521, 324.670



53, 0.508, 18.716



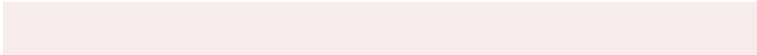
0, 0.000, 0.000



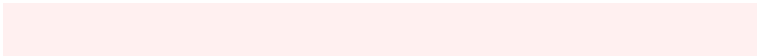
53, 0.007, 296.813

Same Dimension

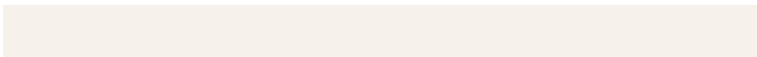
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 4.293, 19.582



96, 5.466, 19.686



95, 3.725, 74.712



49, 3.515, 19.739



39, 82.546, 40.003



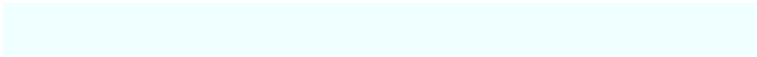
8, 31.016, 25.026

Inverse Universe

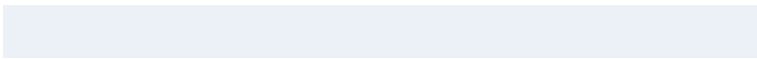
The Inverse Universe completely reimagines the original color for something new.



96, 4.163, 199.321



99, 5.262, 199.228



95, 3.696, 256.147



51, 3.371, 199.182



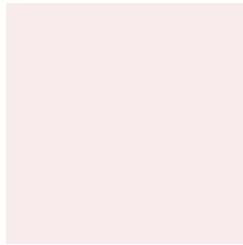
69, 39.540, 196.441



22, 17.581, 196.434

Previews

White Background



This preview shows how the CIE LCh color 94, 4.295, 19.553 looks on a white background.

Color Contrast Check

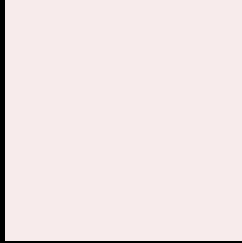
Large Text (above 18pt) WCAG AA × Fail

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, 4.295, 19.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

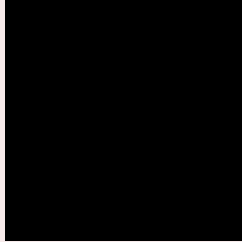
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

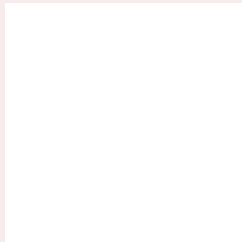
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.295, 19.553

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.295, 19.553.



This preview shows how white text looks on a background with the CIELCh color 94, 4.295, 19.553.

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](#).

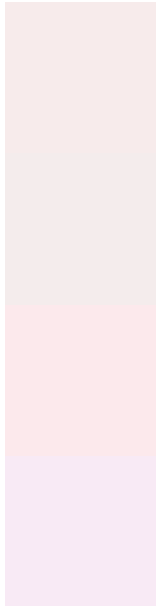
Dichromacy





Tritanopia
94, 10.884, 321.721

Trichromacy



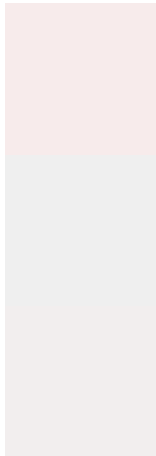
Original Color
94, 4.295, 19.553

Protanomaly
94, 2.852, 19.380

Deuteranomaly
94, 6.997, 7.106

Tritanomaly
94, 7.555, 331.340

Monochromacy



Original Color
94, 4.295, 19.553

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.420, 19.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.295, 19.553 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(247, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 235)  
}
```

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(247, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.295, 19.553 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(247, 235, 235) }
```

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

```
.border{ border-color:rgb(247, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.295, 19.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 235) }
```

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

```
.background{ background-color: rgb(247,  
235, 235) }
```

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