

Converting Colors

CIELCh(94, 2.752, 5.830)

Have a look what the booklet for
CIELCh(94, 2.752, 5.830) contains.

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Color

CIELCh(94, 2.901, 9.192)

Conversions

Conversions Part 1

Format	Color
Hex	F4ECED
RGB	244, 236, 237
RGB Percent	96%, 93%, 93%
CMY	0.0435, 0.0748, 0.0709
CMYK	0.00, 0.03, 0.03, 0.04
HSL	353°, 27%, 94%
HSV	353°, 3%, 96%
XYZ	82.5255, 85.2715, 92.1673
YIQ	238.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

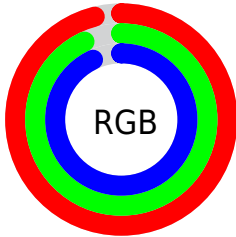
Format	Color
RYB	244, 236, 237
Decimal	16051437
CIELab	94.00, 2.86, 0.46
CIELCh	94, 2.901, 9.192
Yxy	85.2715, 0.3174, 0.3280
Android (android.graphics.Color)	4294241517 (0xFFFF4ECED)
YUV	238.5060, -0.7425, 4.8182
Hunter-Lab	92.3426, -2.0762, 5.4624

Details

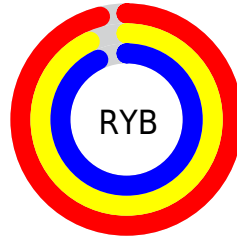
The CIELCh color **94, 2.901, 9.192** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **96, 2.848, 189.115**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 3.054, 9.317** is the 20% darker color. If you saturate the color by 10%, you get **87, 12.113, 10.322**, and if you desaturate by 10%, it is **99, 3.827, 199.336**.

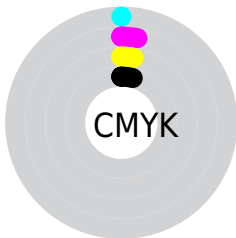
Distribution



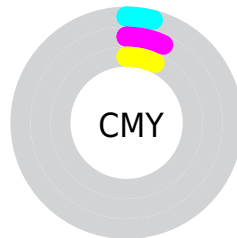
- Red (96%)
- Green (93%)
- Blue (93%)



- Red (96%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 2.901, 9.192 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, 2.901, 9.192 by changing the saturation by 10% instead.

 94, 2.901, 9.192

 94, 2.901, 9.192

 100, 2.901, 9.192

 84, 2.901, 9.192

 74, 2.901, 9.192

 64, 2.901, 9.192

 54, 2.901, 9.192

 44, 2.901, 9.192

 34, 2.901, 9.192

 24, 2.901, 9.192

 14, 2.901, 9.192

 4, 2.901, 9.192

94, 2.901, 9.192

94, 2.901, 9.192

87, 12.113, 10.322

99, 3.827, 199.336

81, 21.892, 11.473

75, 32.174, 12.872

69, 42.817, 14.618

64, 53.579, 16.830

59, 64.114, 19.648

56, 74.041, 23.200

53, 83.036, 27.510

52, 90.852, 32.315

Harmonies

Complementary

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



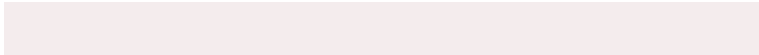
94, 2.901, 9.192



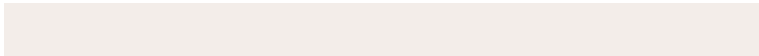
96, 2.848, 189.115

Rectangle

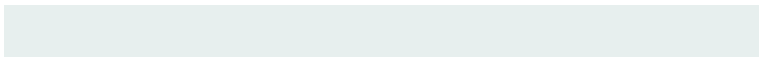
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 2.901, 9.192



94, 2.901, 59.192



94, 2.901, 189.192



94, 2.901, 239.192

Sweetspot

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



94, 2.899, 9.228



99, 0.913, 8.552



94, 4.817, 320.866



53, 0.519, 8.512



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, 2.899, 9.228



97, 3.675, 9.329



95, 2.332, 59.291



50, 2.531, 9.420



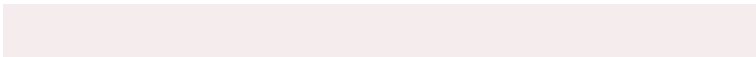
39, 77.122, 34.531



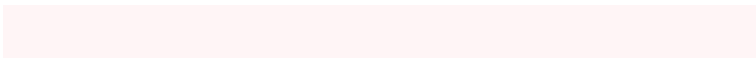
8, 30.317, 19.946

Inverse Universe

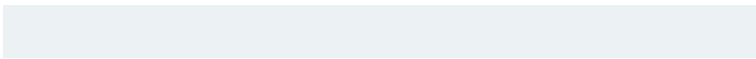
The Inverse Universe completely reimagines the original color for something new.



94, 2.899, 9.228



97, 3.675, 9.329



95, 2.309, 240.369



50, 2.531, 9.420



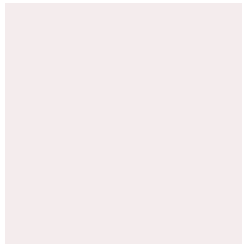
39, 77.122, 34.531



8, 30.317, 19.946

Previews

White Background



This preview shows how the CIELCh color 94, 2.901, 9.192 looks on a white background.

Color Contrast Check

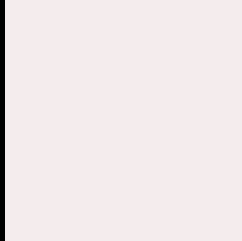
Large Text (above 18pt) WCAG AA × Fail

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, 2.901, 9.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

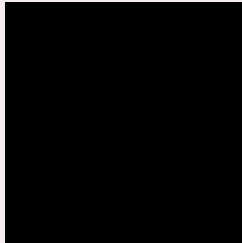
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

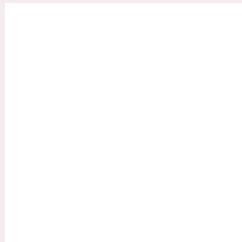
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 2.901, 9.192

Background



This preview shows how black text looks on a background with the CIELCh color 94, 2.901, 9.192.

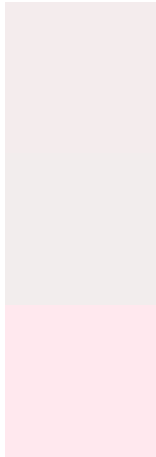


This preview shows how white text looks on a background with the CIELCh color 94, 2.901, 9.192.

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, 2.901, 9.192

Protanopia

94, 1.777, 19.173

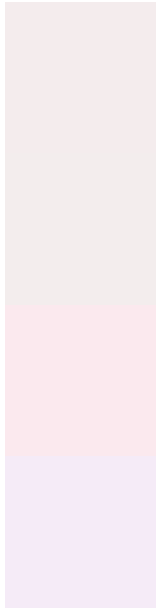
Deuteranopia

94, 8.815, 359.530



Tritanopia
94, 10.223, 314.947

Trichromacy



Original Color

94, 2.901, 9.192

Protanomaly

94, 2.134, 19.256

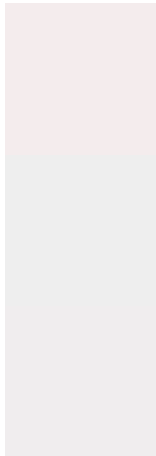
Deuteranomaly

94, 6.945, 358.117

Tritanomaly

94, 7.147, 319.984

Monochromacy



Original Color

94, 2.901, 9.192

Achromatopsia

94, 0.011, 296.813

Achromatomaly

94, 1.192, 353.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 2.901, 9.192 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(244, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(244, 236, 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(244, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 236, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 2.901, 9.192 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(244, 236, 237) }
```

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

```
.border{ border-color:rgb(244, 236, 237) }
```

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

Here you see how a box with a 4 pixel rgb(244, 236, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(244, 236,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 2.901, 9.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 236, 237) }
```

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

```
.background{ background-color: rgb(244,  
236, 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](#).

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