

Converting Colors

CIELCh(94, 5.470, 8.867)

Have a look what the booklet for
CIELCh(94, 5.470, 8.867) contains.

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Color

CIELCh(94, 5.475, 8.870)

Conversions

Conversions Part 1

Format	Color
Hex	F9EAEC
RGB	249, 234, 236
RGB Percent	98%, 92%, 93%
CMY	0.0224, 0.0812, 0.0734
CMYK	0.00, 0.06, 0.05, 0.02
HSL	352°, 57%, 95%
HSV	352°, 6%, 98%
XYZ	83.8539, 85.2715, 91.6119
YIQ	238.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

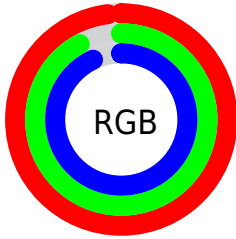
Format	Color
R _Y B	249, 234, 236
Decimal	16378604
CIE Lab	94.00, 5.41, 0.84
CIE LCh	94, 5.475, 8.870
Yxy	85.2715, 0.3216, 0.3270
Android (android.graphics.Color)	4294568684 (0xFFF9EAEC)
YUV	238.7130, -1.3375, 9.0217
Hunter-Lab	92.3426, 0.4916, 5.8190

Details

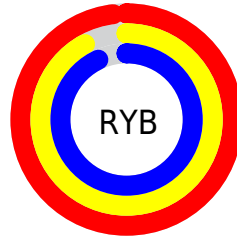
The CIELCh color **94, 5.475, 8.870** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 5.316, 188.103**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 5.772, 9.044** is the 20% darker color. If you saturate the color by 10%, you get **87, 15.023, 9.954**, and if you desaturate by 10%, it is **100, 1.981, 199.614**.

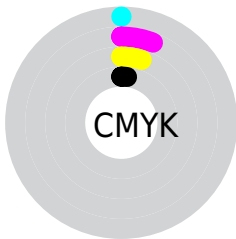
Distribution



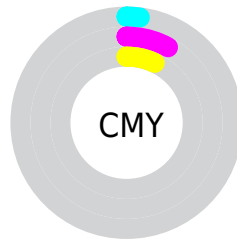
- Red (98%)
- Green (92%)
- Blue (93%)



- Red (98%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.475, 8.870 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, 5.475, 8.870 by changing the saturation by 10% instead.

94, 5.475, 8.870

94, 5.475, 8.870

100, 5.475, 8.870

84, 5.475, 8.870

74, 5.475, 8.870

64, 5.475, 8.870

54, 5.475, 8.870

44, 5.475, 8.870

34, 5.475, 8.870

24, 5.475, 8.870

14, 5.475, 8.870

4, 5.475, 8.870

94, 5.475, 8.870

94, 5.475, 8.870

87, 15.023, 9.954

100, 1.981,
199.614

81, 25.126, 11.174

75, 35.695, 12.667

69, 46.555, 14.536

64, 57.422, 16.908

60, 67.922, 19.927

56, 77.668, 23.710

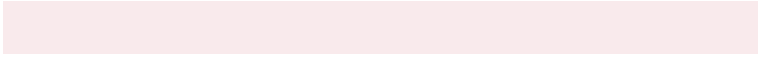
54, 86.378, 28.238

52, 93.829, 33.152

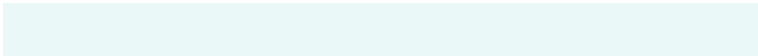
Harmonies

Complementary

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



94, 5.475, 8.870



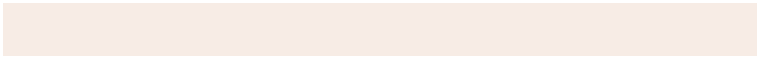
97, 5.316, 188.103

Rectangle

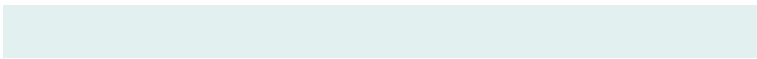
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



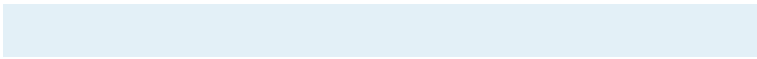
94, 5.475, 8.870



94, 5.475, 58.870



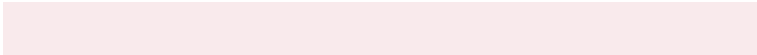
94, 5.475, 188.870



94, 5.475, 238.870

Sweetspot

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



94, 5.473, 8.889



99, 1.832, 8.306



94, 9.014, 321.020



53, 1.041, 8.279



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

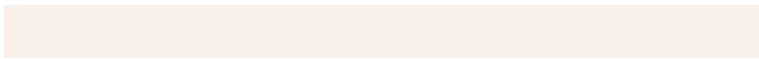
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 5.473, 8.889



95, 6.505, 8.996



95, 4.401, 59.146



49, 4.165, 9.058



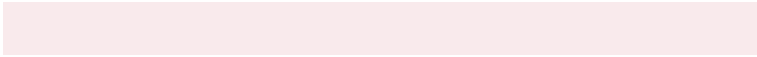
39, 77.522, 34.078



9, 31.330, 20.708

Inverse Universe

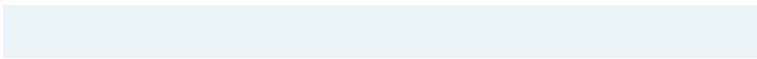
The Inverse Universe completely reimagines the original color for something new.



94, 5.473, 8.889



95, 6.505, 8.996



96, 4.292, 240.542



49, 4.165, 9.058



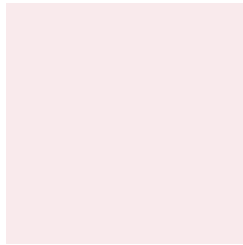
39, 77.522, 34.078



9, 31.330, 20.708

Previews

White Background



This preview shows how the CIELCh color 94, 5.475, 8.870 looks on a white background.

Color Contrast Check

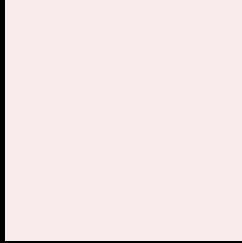
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 5.475, 8.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

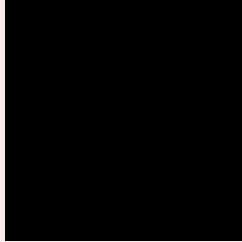
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

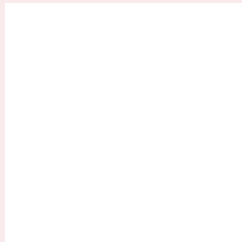
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.475, 8.870

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.475, 8.870.

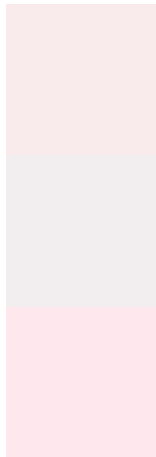


This preview shows how white text looks on a background with the CIELCh color 94, 5.475, 8.870.

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, 5.475, 8.870

Protanopia

94, 1.856, 3.120

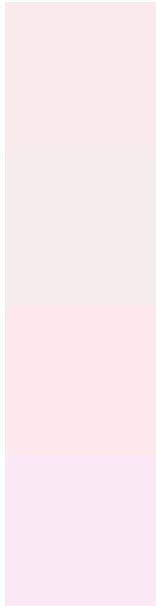
Deuteranopia

94, 8.657, 2.723



Tritanopia
94, 11.473, 326.283

Trichromacy



Original Color

94, 5.475, 8.870

Protanomaly

94, 3.254, 10.359

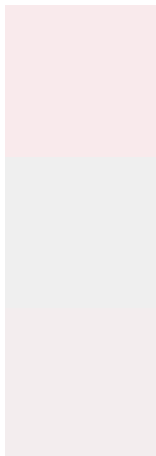
Deuteranomaly

94, 7.469, 3.909

Tritanomaly

94, 8.657, 334.466

Monochromacy



Original Color

94, 5.475, 8.870

Achromatopsia

94, 0.011, 296.813

Achromatomaly

94, 2.200, 5.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.475, 8.870 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(249, 234, 236)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 236)  
}
```

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(249, 234, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.475, 8.870 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(249, 234, 236) }
```

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

```
.border{ border-color:rgb(249, 234, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 234, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.475, 8.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 236) }
```

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

```
.background{ background-color: rgb(249,  
234, 236) }
```

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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