

Converting Colors

CIELCh(94, 7.810, 50.194)

Have a look what the booklet for
CIELCh(94, 7.810, 50.194) contains.

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Color

CIELCh(94, 8.044, 50.346)

Conversions

Conversions Part 1

Format	Color
Hex	FDEAE2
RGB	253, 234, 226
RGB Percent	99%, 92%, 89%
CMY	0.0076, 0.0821, 0.1135
CMYK	0.00, 0.08, 0.11, 0.01
HSL	18°, 87%, 94%
HSV	18°, 11%, 99%
XYZ	83.7091, 85.2715, 84.0443
YIQ	238.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

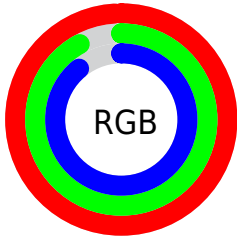
Format	Color
R _Y B	253, 237, 226
Decimal	16640738
CIE Lab	94.00, 5.13, 6.19
CIE LCh	94, 8.044, 50.346
Yxy	85.2715, 0.3308, 0.3370
Android (android.graphics.Color)	4294830818 (0xFFFDEAE2)
YUV	238.7690, -6.2951, 12.4806
Hunter-Lab	92.3426, 0.2117, 10.6778

Details

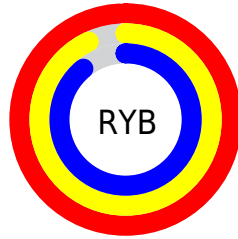
The CIELCh color **94, 8.044, 50.346** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.584, 232.005**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 7.901, 48.322** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.197, 49.826**, and if you desaturate by 10%, it is **99, 0.482, 49.822**.

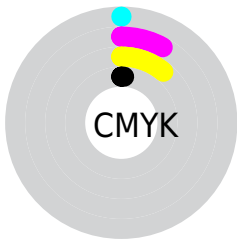
Distribution



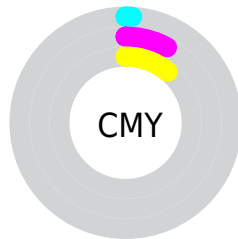
- Red (99%)
- Green (92%)
- Blue (89%)



- Red (99%)
- Yellow (93%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.044, 50.346 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, 8.044, 50.346 by changing the saturation by 10% instead.



94, 8.044, 50.346

94, 8.044, 50.346

89, 16.197, 49.826

99, 0.482, 49.822

84, 24.999, 49.343

100, 0.672,
200.349

80, 34.491, 48.958

75, 44.680, 48.694

71, 55.503, 48.555

67, 66.754, 48.503

63, 77.923, 48.392

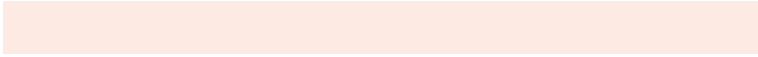
60, 87.886, 47.850

58, 94.861, 46.628

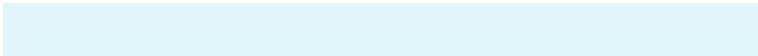
Harmonies

Complementary

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



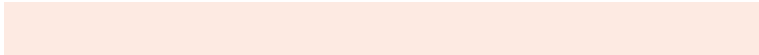
94, 8.044, 50.346



95, 7.584, 232.005

Rectangle

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



94, 8.044, 50.346



94, 8.044, 100.346



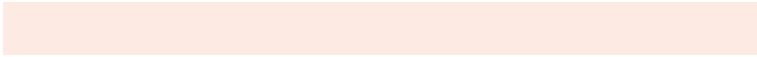
94, 8.044, 230.346



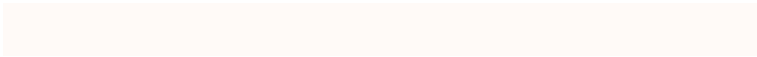
94, 8.044, 280.346

Sweetspot

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



94, 8.044, 50.366



98, 2.208, 50.650



93, 13.866, 334.318



52, 1.680, 50.657



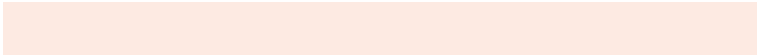
0, 0.000, 0.000



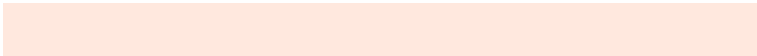
53, 0.007, 296.813

Same Dimension

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



94, 8.044, 50.366



93, 9.950, 50.239



97, 10.960, 98.128



51, 4.293, 50.428



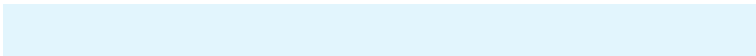
44, 76.365, 47.179



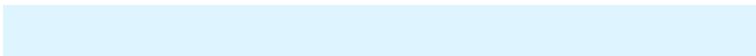
13, 28.603, 43.555

Inverse Universe

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



95, 7.584, 232.005



95, 9.249, 232.198



92, 11.083, 280.719



51, 4.076, 231.916



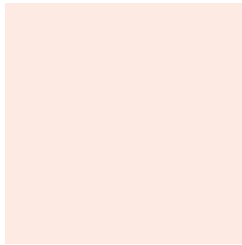
53, 39.267, 255.588



17, 17.182, 248.594

Previews

White Background



This preview shows how the CIELCh color 94, 8.044, 50.346 looks on a white background.

Color Contrast Check

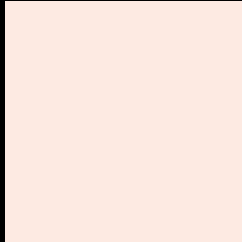
Large Text (above 18pt) WCAG AA × Fail

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, 8.044, 50.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

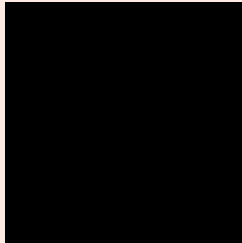
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 8.044, 50.346

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.044, 50.346.



This preview shows how white text looks on a background with the CIELCh color 94, 8.044, 50.346.

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](#).

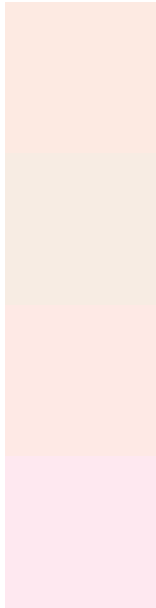
Dichromacy





Tritanopia
94, 12.223, 334.562

Trichromacy



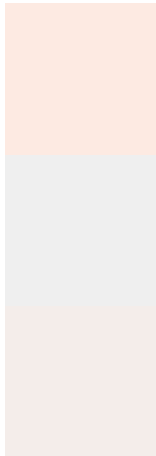
Original Color
94, 8.044, 50.346

Protanomaly
94, 6.081, 68.811

Deuteranomaly
94, 7.892, 34.864

Tritanomaly
94, 8.889, 352.453

Monochromacy



Original Color
94, 8.044, 50.346

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.922, 51.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.044, 50.346 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(253, 234, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 234, 226)  
}
```

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(253, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 234, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.044, 50.346 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(253, 234, 226) }
```

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

```
.border{ border-color:rgb(253, 234, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 234, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 234,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.044, 50.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 234, 226) }
```

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

```
.background{ background-color: rgb(253,  
234, 226) }
```

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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