

Converting Colors

CIELCh(94, 8.123, 45.968)

Have a look what the booklet for
CIELCh(94, 8.123, 45.968) contains.

CIELCh(94, 8.115, 45.970)	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, 8.115, 45.970)

Conversions

Conversions Part 1

Format	Color
Hex	FEEAE3
RGB	254, 234, 227
RGB Percent	100%, 92%, 89%
CMY	0.0049, 0.0832, 0.1107
CMYK	0.00, 0.08, 0.11, 0.00
HSL	16°, 92%, 94%
HSV	16°, 11%, 100%
XYZ	83.9750, 85.2715, 84.5382
YIQ	239.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

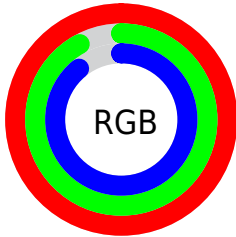
Format	Color
RYB	254, 236, 227
Decimal	16706275
CIELab	94.00, 5.64, 5.83
CIELCh	94, 8.115, 45.970
Yxy	85.2715, 0.3309, 0.3360
Android (android.graphics.Color)	4294896355 (0xFFFEAE3)
YUV	239.1820, -6.0057, 12.9954
Hunter-Lab	92.3426, 0.7257, 10.3607

Details

The CIELCh color **94, 8.115, 45.970** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 7.621, 227.267**, 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, 8.001, 43.683** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.390, 45.637**, and if you desaturate by 10%, it is **99, 0.464, 45.184**.

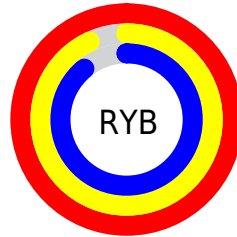
Distribution



Red (100%)

Green (92%)

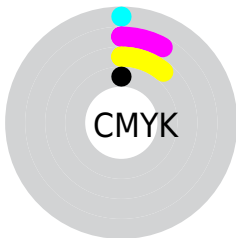
Blue (89%)



Red (100%)

Yellow (93%)

Blue (89%)

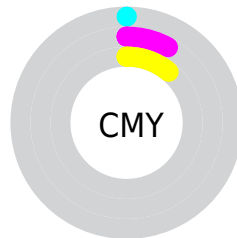


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (0%)



Cyan (0%)













Magenta (8%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.115, 45.970 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, 8.115, 45.970 by changing the saturation by 10% instead.

 94, 8.115, 45.970	 94, 8.115, 45.970
 100, 8.115, 45.970	 84, 8.115, 45.970
	 74, 8.115, 45.970
	 64, 8.115, 45.970
	 54, 8.115, 45.970
	 44, 8.115, 45.970
	 34, 8.115, 45.970
	 24, 8.115, 45.970
	 14, 8.115, 45.970
	 4, 8.115, 45.970

94, 8.115, 45.970

94, 8.115, 45.970

89, 16.390, 45.637

99, 0.464, 45.184

84, 25.348, 45.361

100, 0.430,
200.919

79, 35.030, 45.209

74, 45.440, 45.210

70, 56.511, 45.377

66, 68.033, 45.680

62, 79.493, 45.975

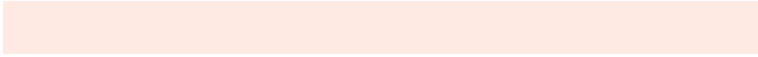
59, 89.741, 45.876

57, 96.883, 45.054

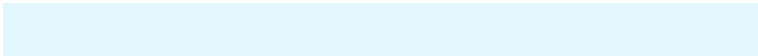
Harmonies

Complementary

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



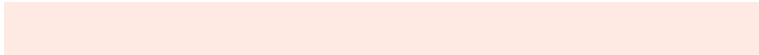
94, 8.115, 45.970



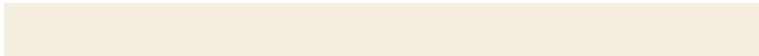
96, 7.621, 227.267

Rectangle

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



94, 8.115, 45.970



94, 8.115, 95.970



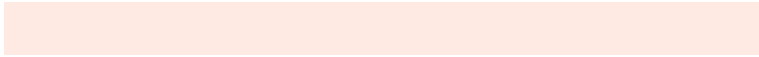
94, 8.115, 225.970



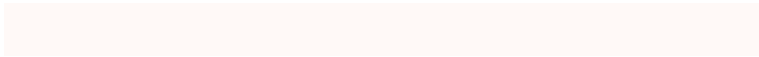
94, 8.115, 275.970

Sweetspot

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



94, 8.114, 45.990



98, 2.227, 46.136



93, 14.187, 333.012



52, 1.694, 46.158



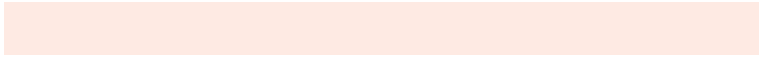
0, 0.000, 0.000



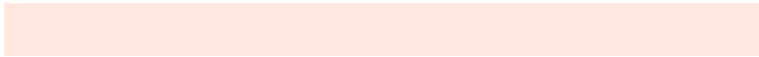
53, 0.007, 296.813

Same Dimension

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



94, 8.114, 45.990



93, 10.051, 45.904



97, 10.578, 95.944



50, 4.335, 46.030



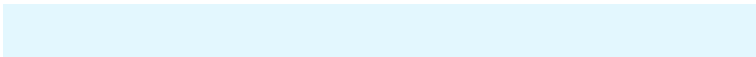
43, 77.838, 45.554



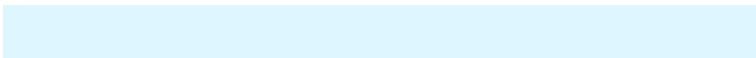
12, 29.114, 40.901

Inverse Universe

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



96, 7.621, 227.267



96, 9.296, 227.420



93, 10.665, 278.598



51, 4.100, 227.201



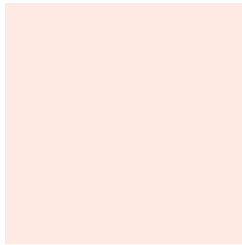
55, 37.284, 248.310



18, 16.602, 241.785

Previews

White Background



This preview shows how the CIELCh color 94, 8.115, 45.970 looks on a white background.

Color Contrast Check

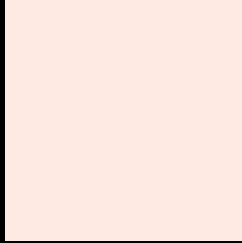
Large Text (above 18pt) WCAG AA × Fail

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, 8.115, 45.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

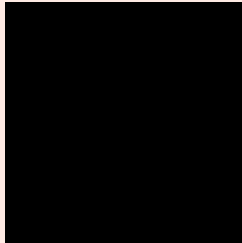
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

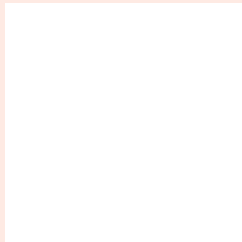
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.115, 45.970

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.115, 45.970.

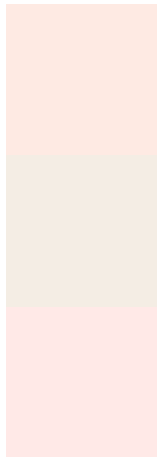


This preview shows how white text looks on a background with the CIELCh color 94, 8.115, 45.970.

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, 8.115, 45.970

Protanopia

94, 5.243, 80.971

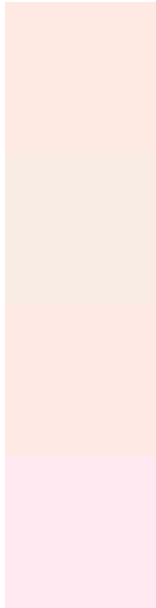
Deuteranopia

94, 8.032, 27.185



Tritanopia
94, 12.223, 334.562

Trichromacy



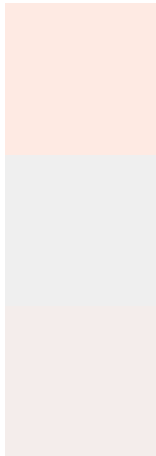
Original Color
94, 8.115, 45.970

Protanomaly
94, 5.958, 62.983

Deuteranomaly
94, 8.250, 34.222

Tritanomaly
94, 9.209, 353.524

Monochromacy



Original Color
94, 8.115, 45.970

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.690, 41.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.115, 45.970 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, 234, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 227)  
}
```

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, 234, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.115, 45.970 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, 234, 227) }
```

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

```
.border{ border-color:rgb(254, 234, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.115, 45.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 227) }
```

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

```
.background{ background-color: rgb(254,  
234, 227) }
```

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