

Converting Colors

CIELCh(94, 8.354, 48.987)

Have a look what the booklet for
CIELCh(94, 8.354, 48.987) contains.

CIELCh(94, 8.365, 49.070)	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, 8.365, 49.070)

Conversions

Conversions Part 1

Format	Color
Hex	FEEAE2
RGB	254, 234, 226
RGB Percent	100%, 92%, 89%
CMY	0.0046, 0.0830, 0.1144
CMYK	0.00, 0.08, 0.11, 0.00
HSL	17°, 92%, 94%
HSV	17°, 11%, 100%
XYZ	83.8910, 85.2715, 83.8704
YIQ	239.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

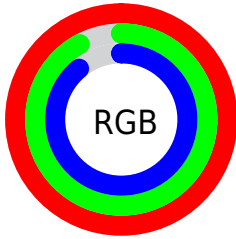
Format	Color
R _Y B	254, 237, 226
Decimal	16706274
CIE Lab	94.00, 5.48, 6.32
CIE LCh	94, 8.365, 49.070
Yxy	85.2715, 0.3315, 0.3370
Android (android.graphics.Color)	4294896354 (0xFFFEAE2)
YUV	239.0680, -6.4425, 13.0954
Hunter-Lab	92.3426, 0.5633, 10.7895

Details

The CIELCh color **94, 8.365, 49.070** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 7.859, 230.673**, 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, 8.249, 47.042** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.587, 48.603**, and if you desaturate by 10%, it is **99, 0.747, 48.930**.

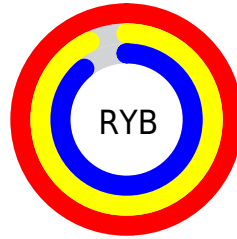
Distribution



Red (100%)

Green (92%)

Blue (89%)



Red (100%)

Yellow (93%)

Blue (89%)

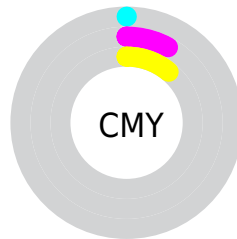


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.365, 49.070 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, 8.365, 49.070 by changing the saturation by 10% instead.

 94, 8.365, 49.070	 94, 8.365, 49.070
 100, 8.365, 49.070	 84, 8.365, 49.070
	 74, 8.365, 49.070
	 64, 8.365, 49.070
	 54, 8.365, 49.070
	 44, 8.365, 49.070
	 34, 8.365, 49.070
	 24, 8.365, 49.070
	 14, 8.365, 49.070
	 4, 8.365, 49.070

94, 8.365, 49.070

94, 8.365, 49.070

89, 16.587, 48.603

99, 0.747, 48.930

84, 25.471, 48.181

100, 0.406,
201.011

79, 35.058, 47.865

75, 45.353, 47.681

71, 56.288, 47.633

67, 67.649, 47.682

63, 78.907, 47.677

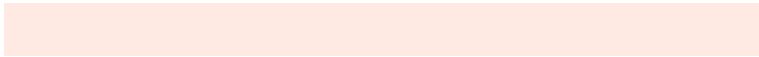
60, 88.899, 47.231

58, 95.615, 46.149

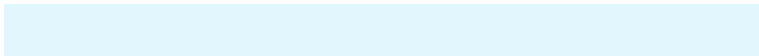
Harmonies

Complementary

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



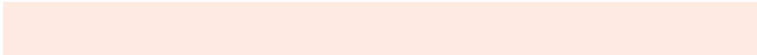
94, 8.365, 49.070



96, 7.859, 230.673

Rectangle

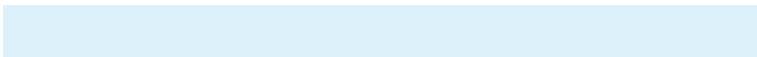
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 8.365, 49.070



94, 8.365, 99.070



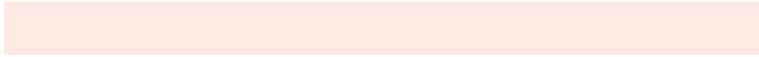
94, 8.365, 229.070



94, 8.365, 279.070

Sweetspot

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



94, 8.364, 49.089



98, 2.212, 49.353



93, 14.372, 334.345



52, 1.683, 49.364



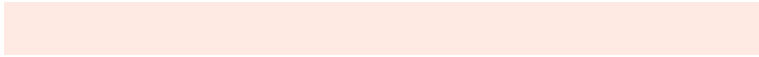
0, 0.000, 0.000



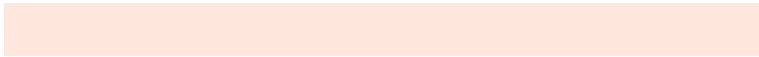
53, 0.007, 296.813

Same Dimension

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



94, 8.364, 49.089



93, 9.973, 48.992



97, 11.359, 98.086



50, 4.303, 49.163



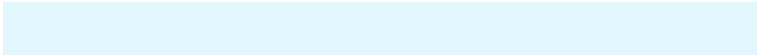
44, 76.793, 46.690



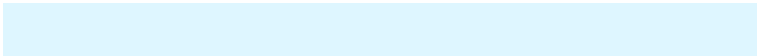
13, 28.745, 42.771

Inverse Universe

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



96, 7.859, 230.673



95, 9.256, 230.828



92, 11.490, 280.767



51, 4.080, 230.563



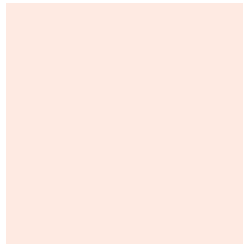
54, 38.640, 253.568



17, 16.993, 246.684

Previews

White Background



This preview shows how the CIELCh color 94, 8.365, 49.070 looks on a white background.

Color Contrast Check

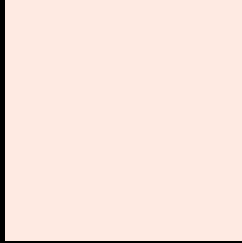
Large Text (above 18pt) WCAG AA × Fail

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, 8.365, 49.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

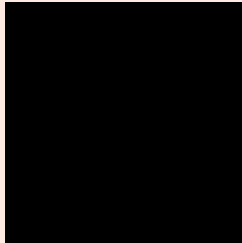
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 8.365, 49.070

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.365, 49.070.

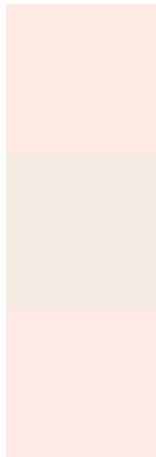


This preview shows how white text looks on a background with the CIELCh color 94, 8.365, 49.070.

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, 8.365, 49.070

Protanopia

94, 5.701, 83.388

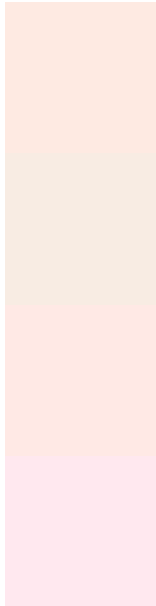
Deuteranopia

94, 8.032, 27.185



Tritanopia
94, 11.865, 336.301

Trichromacy



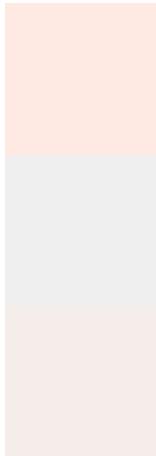
Original Color
94, 8.365, 49.070

Protanomaly
94, 6.326, 66.303

Deuteranomaly
94, 8.250, 34.222

Tritanomaly
94, 8.999, 356.460

Monochromacy



Original Color
94, 8.365, 49.070

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, 8.365, 49.070 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.365, 49.070 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, 226) }
```

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

```
.border{ border-color:rgb(254, 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(254, 234, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.365, 49.070 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, 226) }
```

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

```
.background{ background-color: rgb(254,  
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](#).

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