

Converting Colors

CIELCh(94, 8.925, 54.722)

Have a look what the booklet for
CIELCh(94, 8.925, 54.722) contains.

CIELCh(94, 8.934, 54.700)	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, 8.934, 54.700)

Conversions

Conversions Part 1

Format	Color
Hex	FEEAE0
RGB	254, 234, 224
RGB Percent	100%, 92%, 88%
CMY	0.0040, 0.0825, 0.1217
CMYK	0.00, 0.08, 0.12, 0.00
HSL	20°, 94%, 94%
HSV	20°, 12%, 100%
XYZ	83.7244, 85.2715, 82.5441
YIQ	238.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

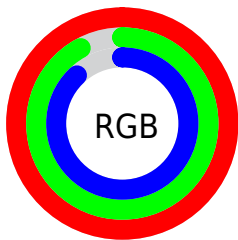
Format	Color
R_{YB}	254, 239, 224
Decimal	16706272
CIE _{Lab}	94.00, 5.16, 7.29
CIE _{LCh}	94, 8.934, 54.700
Yxy	85.2715, 0.3328, 0.3390
Android (android.graphics.Color)	4294896352 (0xFFFEAE0)
YUV	238.8400, -7.3161, 13.2953
Hunter-Lab	92.3426, 0.2414, 11.6411

Details

The CIELCh color `94, 8.934, 54.700` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 8.411, 236.877`, 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, 8.824, 53.132` is the 20% darker color. If you saturate the color by 10%, you get `89, 17.114, 54.004`, and if you desaturate by 10%, it is `99, 1.318, 55.131`.

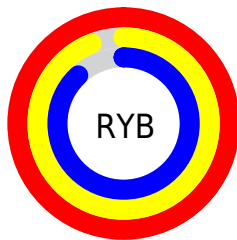
Distribution



Red (100%)

Green (92%)

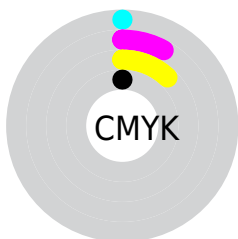
Blue (88%)



Red (100%)

Yellow (94%)

Blue (88%)

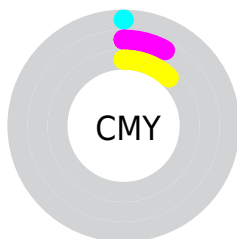


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.934, 54.700 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, 8.934, 54.700 by changing the saturation by 10% instead.

 94, 8.934, 54.700	 94, 8.934, 54.700
 100, 8.934, 54.700	 84, 8.934, 54.700
	 74, 8.934, 54.700
	 64, 8.934, 54.700
	 54, 8.934, 54.700
	 44, 8.934, 54.700
	 34, 8.934, 54.700
	 24, 8.934, 54.700
	 14, 8.934, 54.700
	 4, 8.934, 54.700

94, 8.934, 54.700

94, 8.934, 54.700

89, 17.114, 54.004

99, 1.318, 55.131

85, 25.913, 53.334

100, 0.359,
201.231

80, 35.368, 52.740

76, 45.478, 52.237

72, 56.168, 51.821

68, 67.202, 51.437

65, 78.017, 50.920

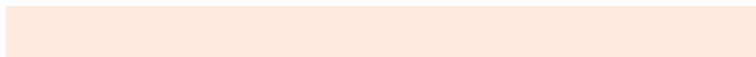
62, 87.421, 49.882

59, 93.223, 48.445

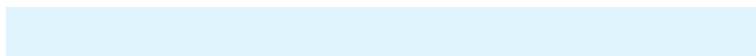
Harmonies

Complementary

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



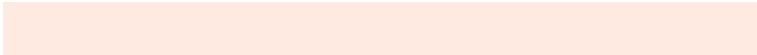
94, 8.934, 54.700



95, 8.411, 236.877

Rectangle

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



94, 8.934, 54.700



94, 8.934, 104.700



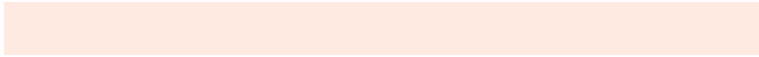
94, 8.934, 234.700



94, 8.934, 284.700

Sweetspot

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



94, 8.934, 54.719



98, 2.949, 55.199



92, 14.870, 336.486



52, 2.102, 55.171



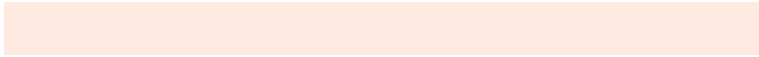
0, 0.000, 0.000



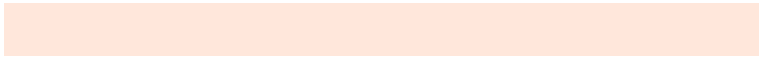
53, 0.007, 296.813

Same Dimension

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



94, 8.934, 54.719



93, 10.709, 54.561



98, 12.824, 101.004



51, 4.278, 54.881



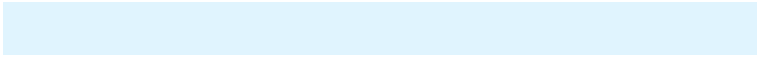
45, 74.845, 49.050



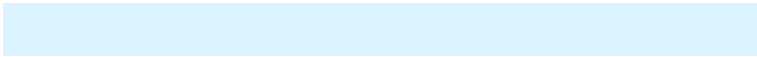
13, 28.136, 46.451

Inverse Universe

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



95, 8.411, 236.877



95, 9.958, 237.102



91, 13.038, 283.764



51, 4.080, 236.657



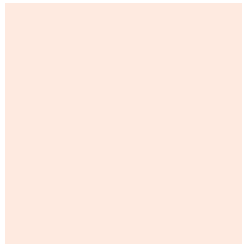
51, 41.805, 262.234



16, 17.979, 255.008

Previews

White Background



This preview shows how the CIELCh color 94, 8.934, 54.700 looks on a white background.

Color Contrast Check

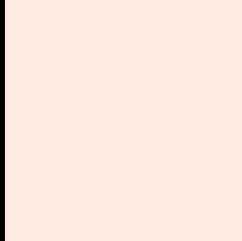
Large Text (above 18pt) WCAG AA × Fail

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, 8.934, 54.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

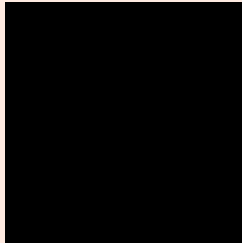
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 8.934, 54.700

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.934, 54.700.



This preview shows how white text looks on a background with the CIELCh color 94, 8.934, 54.700.

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](#).

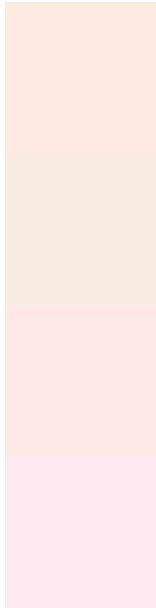
Dichromacy





Tritanopia
94, 11.865, 336.301

Trichromacy



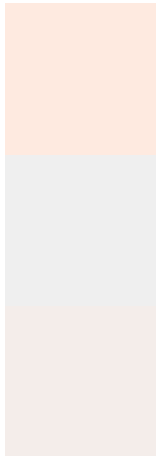
Original Color
94, 8.934, 54.700

Protanomaly
94, 7.117, 71.855

Deuteranomaly
94, 8.404, 37.576

Tritanomaly
94, 8.999, 356.460

Monochromacy



Original Color
94, 8.934, 54.700

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, 8.934, 54.700 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.934, 54.700 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, 224) }
```

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

```
.border{ border-color:rgb(254, 234, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.934, 54.700 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, 224) }
```

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

```
.background{ background-color: rgb(254,  
234, 224) }
```

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