

Converting Colors

CIELCh(100, 31.410, 24.722)

Have a look what the booklet for
CIELCh(100, 31.410, 24.722)
contains.

CIELCh(94, 7.757, 31.240)	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, 7.757, 31.240)

Conversions

Conversions Part 1

Format	Color
Hex	FEE9E6
RGB	254, 233, 230
RGB Percent	100%, 91%, 90%
CMY	0.0029, 0.0852, 0.0970
CMYK	0.00, 0.08, 0.09, 0.00
HSL	8°, 94%, 95%
HSV	8°, 9%, 100%
XYZ	84.4969, 85.2715, 87.0623
YIQ	238.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 233, 230
Decimal	16706022
CIE Lab	94.00, 6.63, 4.02
CIE LCh	94, 7.757, 31.240
Yxy	85.2715, 0.3290, 0.3320
Android (android.graphics.Color)	4294896102 (0xFFFE9E6)
YUV	238.9370, -4.4059, 13.2103
Hunter-Lab	92.3426, 1.7347, 8.7401

Details

The CIELCh color **94, 7.757, 31.240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 7.293, 211.225**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 7.729, 27.973** is the 20% darker color. If you saturate the color by 10%, you get **88, 16.663, 31.588**, and if you desaturate by 10%, it is **100, 0.260, 201.936**.

Distribution



Red (100%)

Green (91%)

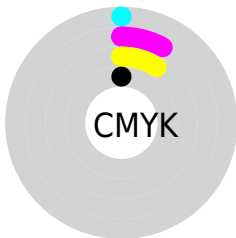
Blue (90%)



Red (100%)

Yellow (91%)

Blue (90%)



Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (0%)



Cyan (0%)








Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.757, 31.240 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, 7.757, 31.240 by changing the saturation by 10% instead.

 94, 7.757, 31.240	 94, 7.757, 31.240
 100, 7.757, 31.240	 84, 7.757, 31.240
	 74, 7.757, 31.240
	 64, 7.757, 31.240
	 54, 7.757, 31.240
	 44, 7.757, 31.240
	 34, 7.757, 31.240
	 24, 7.757, 31.240
	 14, 7.757, 31.240
	 4, 7.757, 31.240

94, 7.757, 31.240

94, 7.757, 31.240

88, 16.663, 31.588

100, 0.260,
201.936

82, 26.324, 32.061

77, 36.754, 32.754

71, 47.915, 33.729

67, 59.686, 35.043

62, 71.806, 36.712

59, 83.760, 38.631

56, 94.416, 40.383

54, 101.836,
41.251

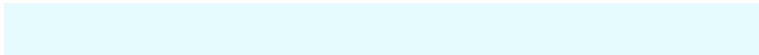
Harmonies

Complementary

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



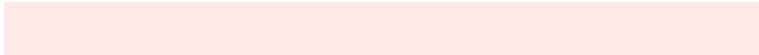
94, 7.757, 31.240



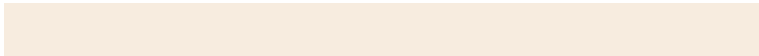
97, 7.293, 211.225

Rectangle

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



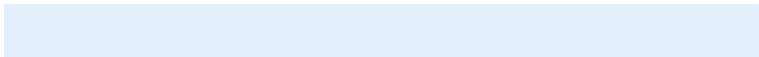
94, 7.757, 31.240



94, 7.757, 81.240



94, 7.757, 211.240



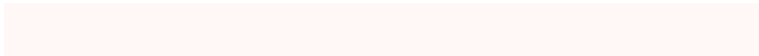
94, 7.757, 261.240

Sweetspot

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



94, 7.756, 31.259



98, 2.407, 30.957



94, 13.837, 328.314



52, 1.831, 31.028



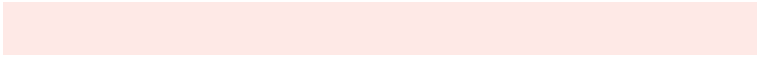
0, 0.000, 0.000



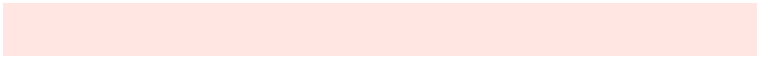
53, 0.007, 296.813

Same Dimension

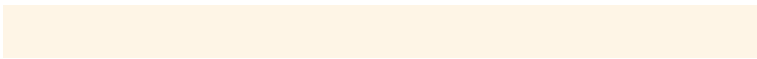
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.756, 31.259



93, 9.125, 31.306



97, 8.223, 85.676



50, 4.687, 31.261



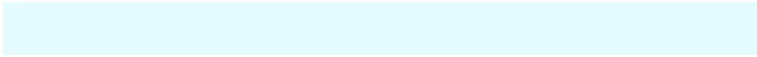
41, 82.152, 41.587



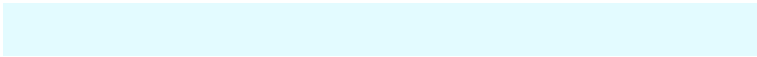
11, 31.083, 33.316

Inverse Universe

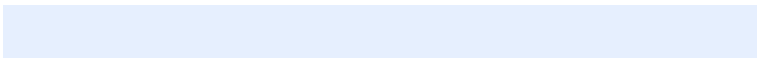
The Inverse Universe completely reimagines the original color for something new.



97, 7.293, 211.225



97, 8.488, 211.211



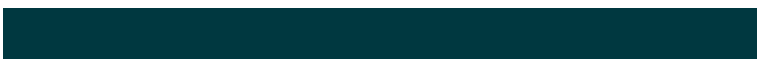
94, 8.174, 268.226



52, 4.405, 211.224



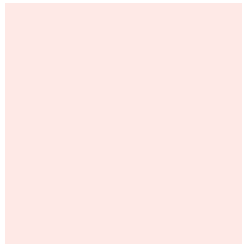
63, 35.387, 219.435



21, 16.418, 216.304

Previews

White Background



This preview shows how the CIELCh color 94, 7.757, 31.240 looks on a white background.

Color Contrast Check

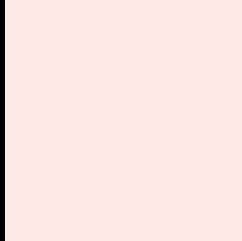
Large Text (above 18pt) WCAG AA × Fail

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, 7.757, 31.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

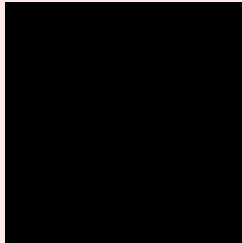
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

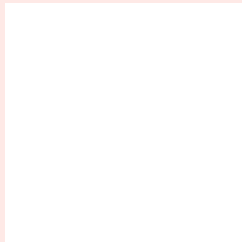
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.757, 31.240

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.757, 31.240.

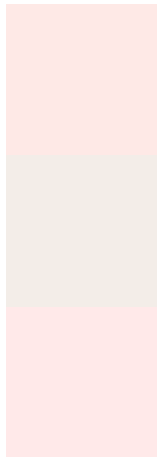


This preview shows how white text looks on a background with the CIELCh color 94, 7.757, 31.240.

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, 7.763, 31.241

Protanopia

94, 3.328, 69.680

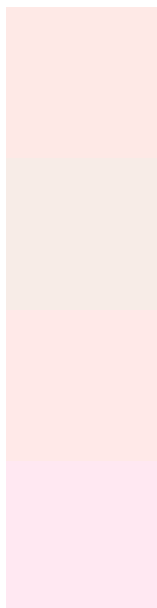
Deuteranopia

94, 7.945, 19.873



Tritanopia
94, 12.223, 334.562

Trichromacy



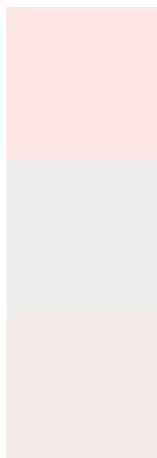
Original Color
94, 7.763, 31.241

Protanomaly
94, 4.702, 52.523

Deuteranomaly
94, 7.972, 23.550

Tritanomaly
94, 9.699, 348.074

Monochromacy



Original Color
94, 7.763, 31.241

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.894, 29.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.757, 31.240 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, 233, 230)` looks like.

```
.text, #text, p{  
    color:rgb(254, 233, 230)  
}
```

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, 233, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 233, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.757, 31.240 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, 233, 230) }
```

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

```
.border{ border-color:rgb(254, 233, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 233, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 233, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 233, 230);  
box-shadow:4px 4px 4px 4px rgb(254, 233,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.757, 31.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 233, 230) }
```

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

```
.background{ background-color: rgb(254,  
233, 230) }
```

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