

Converting Colors

CIELCh(94, 6.814, 51.392)

Have a look what the booklet for
CIELCh(94, 6.814, 51.392) contains.

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Color

CIELCh(94, 6.814, 51.392)

Conversions

Conversions Part 1

Format	Color
Hex	FBEBE4
RGB	251, 235, 228
RGB Percent	98%, 92%, 89%
CMY	0.0169, 0.0796, 0.1071
CMYK	0.00, 0.06, 0.09, 0.02
HSL	18°, 73%, 94%
HSV	18°, 9%, 98%
XYZ	83.2481, 85.2715, 85.2436
YIQ	238.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

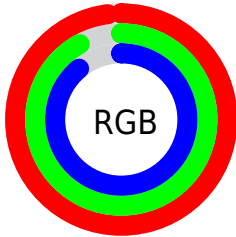
Format	Color
R _Y B	251, 238, 228
Decimal	16509924
CIE Lab	94.00, 4.25, 5.32
CIE LCh	94, 6.814, 51.392
Yxy	85.2715, 0.3281, 0.3360
Android (android.graphics.Color)	4294700004 (0xFFFBEBE4)
YUV	238.9860, -5.4161, 10.5363
Hunter-Lab	92.3426, -0.6794, 9.9079

Details

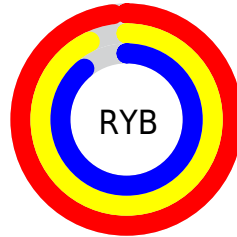
The CIELCh color **94, 6.814, 51.392** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **95, 6.488, 232.924**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 6.591, 49.088** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.796, 50.836**, and if you desaturate by 10%, it is **99, 0.598, 233.178**.

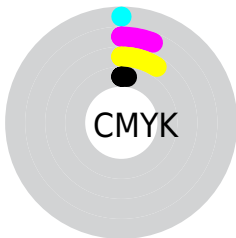
Distribution



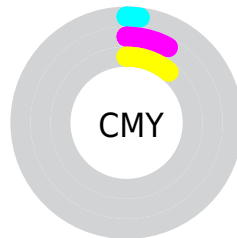
- Red (98%)
- Green (92%)
- Blue (89%)



- Red (98%)
- Yellow (93%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (2%)









- Cyan (2%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.814, 51.392 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, 6.814, 51.392 by changing the saturation by 10% instead.

 94, 6.814, 51.392	 94, 6.814, 51.392
 100, 6.814, 51.392	 84, 6.814, 51.392
	 74, 6.814, 51.392
	 64, 6.814, 51.392
	 54, 6.814, 51.392
	 44, 6.814, 51.392
	 34, 6.814, 51.392
	 24, 6.814, 51.392
	 14, 6.814, 51.392
	 4, 6.814, 51.392

94, 6.814, 51.392

94, 6.814, 51.392

89, 14.796, 50.836

99, 0.598, 233.178

84, 23.407, 50.298

100, 1.499,
199.752

80, 32.689, 49.848

75, 42.657, 49.510

71, 53.263, 49.291

67, 64.330, 49.159

64, 75.416, 48.990

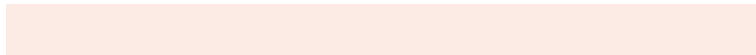
61, 85.527, 48.461

58, 93.175, 47.117

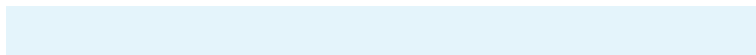
Harmonies

Complementary

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



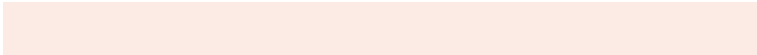
94, 6.814, 51.392



95, 6.488, 232.924

Rectangle

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



94, 6.814, 51.392



94, 6.814, 101.392



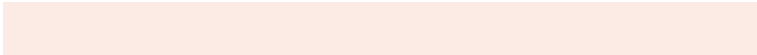
94, 6.814, 231.392



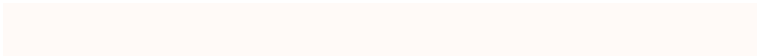
94, 6.814, 281.392

Sweetspot

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



94, 6.814, 51.416



98, 2.206, 51.643



93, 11.676, 334.883



52, 1.678, 51.647



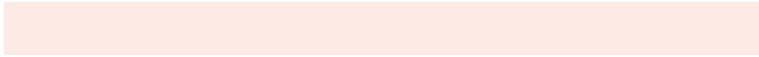
0, 0.000, 0.000



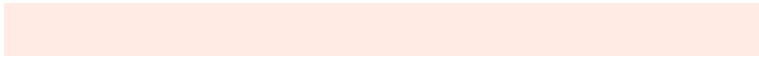
53, 0.007, 296.813

Same Dimension

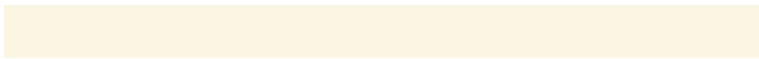
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 6.814, 51.416



95, 8.343, 51.311



97, 9.506, 99.337



50, 4.217, 51.397



44, 75.254, 47.597



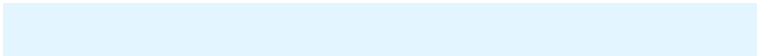
12, 27.267, 43.673

Inverse Universe

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



95, 6.488, 232.924



96, 7.859, 233.071



92, 9.614, 281.526



50, 4.008, 232.948



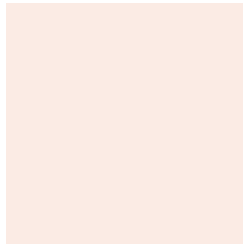
52, 39.361, 257.043



16, 16.838, 249.629

Previews

White Background



This preview shows how the CIELCh color 94, 6.814, 51.392 looks on a white background.

Color Contrast Check

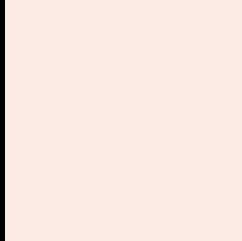
Large Text (above 18pt) WCAG AA × Fail

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, 6.814, 51.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

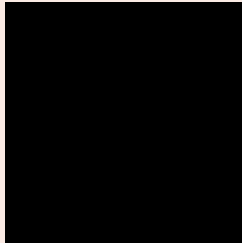
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 6.814, 51.392

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.814, 51.392.

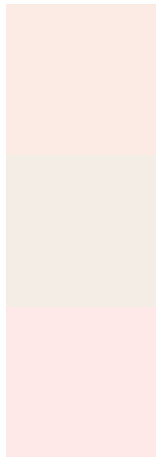


This preview shows how white text looks on a background with the CIELCh color 94, 6.814, 51.392.

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, 6.814, 51.392

Protanopia

94, 4.797, 78.091

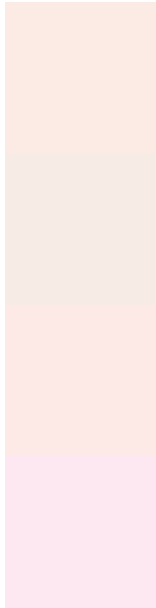
Deuteranopia

94, 7.972, 23.550



Tritanopia
94, 12.744, 330.161

Trichromacy



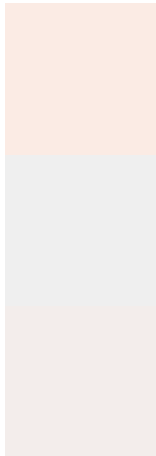
Original Color
94, 6.814, 51.392

Protanomaly
94, 5.072, 64.483

Deuteranomaly
94, 7.176, 36.345

Tritanomaly
94, 9.100, 345.612

Monochromacy



Original Color
94, 6.814, 51.392

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.361, 45.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.814, 51.392 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(251, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(251, 235, 228)  
}
```

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(251, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 235, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.814, 51.392 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(251, 235, 228) }
```

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

```
.border{ border-color:rgb(251, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(251, 235,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.814, 51.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 235, 228) }
```

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

```
.background{ background-color: rgb(251,  
235, 228) }
```

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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