

Converting Colors

CIELCh(94, 13.518, 90.540)

Have a look what the booklet for
CIELCh(94, 13.518, 90.540) contains.

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Color

CIELCh(94, 13.440, 91.458)

Conversions

Conversions Part 1

Format	Color
Hex	F8EDD4
RGB	248, 237, 212
RGB Percent	97%, 93%, 83%
CMY	0.0275, 0.0706, 0.1687
CMYK	0.00, 0.04, 0.15, 0.03
HSL	42°, 72%, 90%
HSV	42°, 15%, 97%
XYZ	80.8728, 85.2715, 74.4787
YIQ	237.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

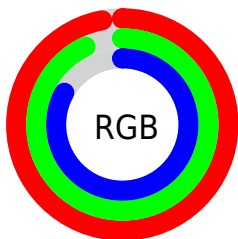
Format	Color
R _Y B	228, 248, 212
Decimal	16313812
CIE Lab	94.00, -0.34, 13.44
CIE LCh	94, 13.440, 91.458
Yxy	85.2715, 0.3361, 0.3544
Android (android.graphics.Color)	4294503892 (0xFFF8EDD4)
YUV	237.4390, -12.5414, 9.2620
Hunter-Lab	92.3426, -5.2709, 16.8196

Details

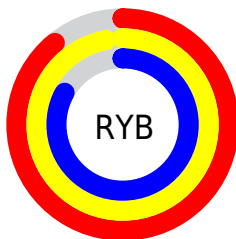
The CIELCh color **94, 13.440, 91.458** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 13.469, 275.273**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 13.518, 91.943** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.906, 90.179**, and if you desaturate by 10%, it is **96, 4.136, 92.679**.

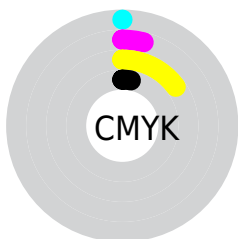
Distribution



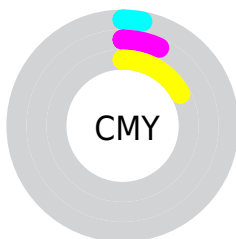
- Red (97%)
- Green (93%)
- Blue (83%)



- Red (89%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 13.440, 91.458 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, 13.440, 91.458 by changing the saturation by 10% instead.

 94, 13.440, 91.458

 94, 13.440, 91.458

 100, 13.440,
91.458

 84, 13.440, 91.458

 74, 13.440, 91.458

 64, 13.440, 91.458

 54, 13.440, 91.458

 44, 13.440, 91.458

 34, 13.440, 91.458

 24, 13.440, 91.458

 14, 13.440, 91.458

 4, 13.440, 91.458

94, 13.440, 91.458

94, 13.440, 91.458

92, 22.906, 90.179

96, 4.136, 92.679

89, 32.497, 88.845

99, 2.036, 245.324

87, 42.140, 87.470

99, 2.429, 199.524

85, 51.683, 86.052

83, 60.842, 84.573

81, 69.119, 82.989

79, 75.733, 81.207

77, 79.763, 79.071

76, 80.978, 77.748

Harmonies

Complementary

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



94, 13.440, 91.458



89, 13.469, 275.273

Rectangle

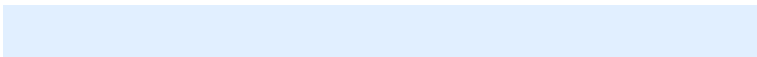
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 13.440, 91.458



94, 13.440, 141.458



94, 13.440, 271.458



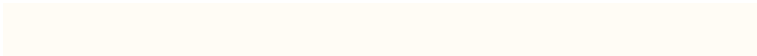
94, 13.440, 321.458

Sweetspot

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



94, 13.441, 91.469



99, 3.744, 92.733



88, 14.401, 356.214



53, 2.664, 92.652



0, 0.000, 0.000



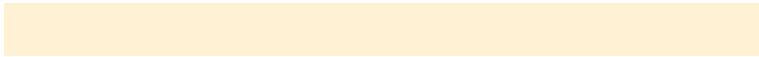
53, 0.007, 296.813

Same Dimension

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



94, 13.441, 91.469



96, 16.139, 91.150



96, 18.486, 116.326



51, 5.270, 92.093



59, 65.998, 78.231



19, 27.351, 80.997

Inverse Universe

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



89, 13.469, 275.273



89, 16.172, 275.656



86, 19.077, 298.470



49, 5.284, 274.555



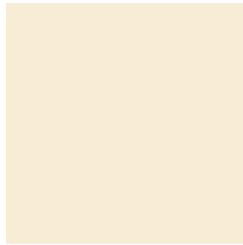
31, 81.554, 298.135



7, 31.882, 292.792

Previews

White Background



This preview shows how the CIELCh color 94, 13.440, 91.458 looks on a white background.

Color Contrast Check

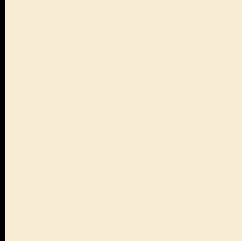
Large Text (above 18pt) WCAG AA × Fail

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, 13.440, 91.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

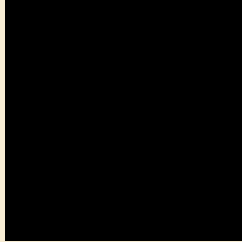
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

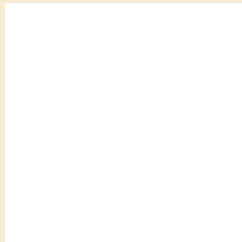
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 13.440, 91.458

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.440, 91.458.

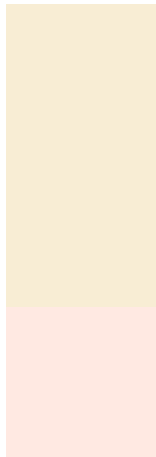


This preview shows how white text looks on a background with the CIELCh color 94, 13.440, 91.458.

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, 13.440, 91.458

Protanopia

94, 13.440, 91.458

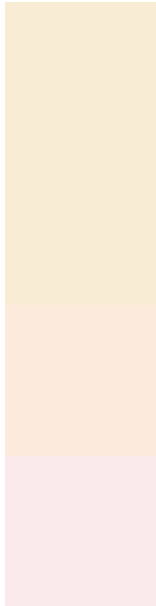
Deuteranopia

94, 8.796, 43.871



Tritanopia
94, 11.897, 329.079

Trichromacy



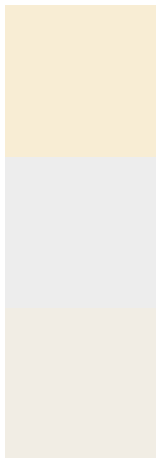
Original Color
94, 13.440, 91.458

Protanomaly
94, 13.440, 91.458

Deuteranomaly
94, 9.386, 64.839

Tritanomaly
94, 6.187, 10.195

Monochromacy



Original Color
94, 13.440, 91.458

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.822, 92.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.440, 91.458 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(248, 237, 212)` looks like.

```
.text, #text, p{  
    color:rgb(248, 237, 212)  
}
```

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(248, 237, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 237, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.440, 91.458 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(248, 237, 212) }
```

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

```
.border{ border-color:rgb(248, 237, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 237, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 237, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 237, 212);  
box-shadow:4px 4px 4px 4px rgb(248, 237,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.440, 91.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 237, 212) }
```

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

```
.background{ background-color: rgb(248,  
237, 212) }
```

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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