

Converting Colors

CIE LCh(94, 14.133, 94.539)

Have a look what the booklet for
CIELCh(94, 14.133, 94.539) contains.

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Color

CIELCh(94, 13.826, 93.518)

Conversions

Conversions Part 1

Format	Color
Hex	F7EDD3
RGB	247, 237, 211
RGB Percent	97%, 93%, 83%
CMY	0.0303, 0.0695, 0.1715
CMYK	0.00, 0.04, 0.15, 0.03
HSL	43°, 70%, 90%
HSV	43°, 15%, 97%
XYZ	80.6137, 85.2715, 74.0178
YIQ	237.0260, 14.3060, -5.9660

Conversions

Conversions Part 2

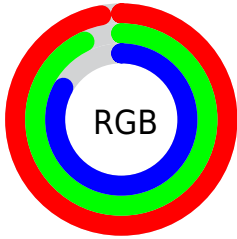
Format	Color
R _Y B	225, 247, 211
Decimal	16248275
CIE Lab	94.00, -0.85, 13.80
CIE LCh	94, 13.826, 93.518
Yxy	85.2715, 0.3360, 0.3554
Android (android.graphics.Color)	4294438355 (0xFFF7EDD3)
YUV	237.0260, -12.8308, 8.7472
Hunter-Lab	92.3426, -5.7716, 17.1156

Details

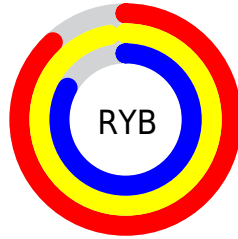
The CIELCh color **94, 13.826, 93.518** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 13.914, 277.274**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 13.929, 94.075** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.495, 92.261**, and if you desaturate by 10%, it is **96, 4.291, 94.721**.

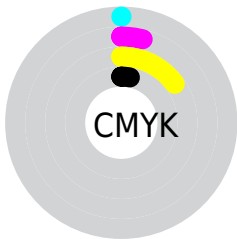
Distribution



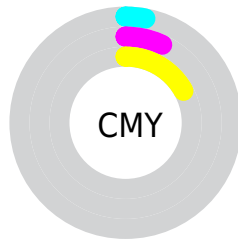
- Red (97%)
- Green (93%)
- Blue (83%)



- Red (88%)
- 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, 13.826, 93.518 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, 13.826, 93.518 by changing the saturation by 10% instead.

 94, 13.826, 93.518

 94, 13.826, 93.518

 100, 13.826,
93.518

 84, 13.826, 93.518

 74, 13.826, 93.518

 64, 13.826, 93.518

 54, 13.826, 93.518

 44, 13.826, 93.518

 34, 13.826, 93.518

 24, 13.826, 93.518

 14, 13.826, 93.518

 4, 13.826, 93.518

94, 13.826, 93.518

94, 13.826, 93.518

92, 23.495, 92.261

96, 4.291, 94.721

90, 33.251, 90.952

98, 2.397, 257.707

88, 43.012, 89.606

99, 2.673, 199.484

86, 52.612, 88.222

84, 61.753, 86.787

82, 69.919, 85.265

80, 76.334, 83.579

78, 80.121, 81.601

77, 81.197, 80.399

Harmonies

Complementary

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



94, 13.826, 93.518



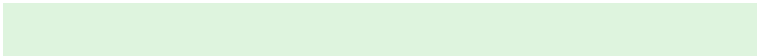
88, 13.914, 277.274

Rectangle

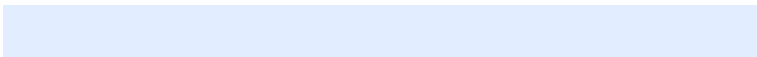
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 13.826, 93.518



94, 13.826, 143.518



94, 13.826, 273.518



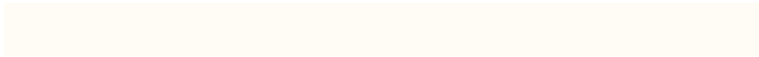
94, 13.826, 323.518

Sweetspot

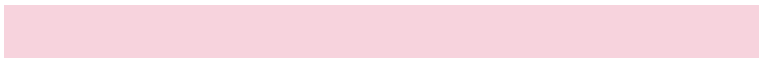
The Sweet Spot groups the original color and five complimentary colors.



94, 13.828, 93.528



99, 3.855, 94.781



88, 14.190, 358.540



53, 2.742, 94.700



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, 13.828, 93.528



96, 16.583, 93.220



96, 18.570, 117.666



50, 5.330, 94.150



60, 65.679, 80.854



18, 26.635, 83.599

Inverse Universe

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



88, 13.914, 277.274



89, 16.699, 277.645



86, 19.150, 299.689



48, 5.358, 276.559



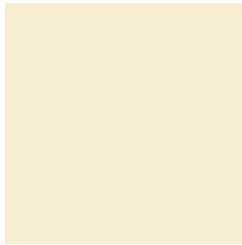
29, 83.947, 299.431



6, 31.679, 293.383

Previews

White Background



This preview shows how the CIELCh color 94, 13.826, 93.518 looks on a white background.

Color Contrast Check

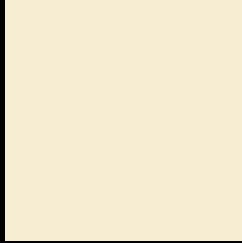
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 13.826, 93.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

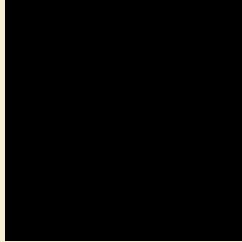
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

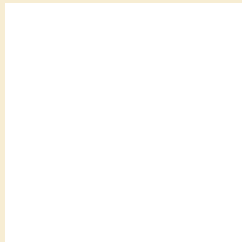
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 13.826, 93.518

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.826, 93.518.

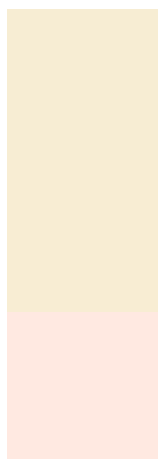


This preview shows how white text looks on a background with the CIELCh color 94, 13.826, 93.518.

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, 13.826, 93.518

Protanopia

94, 13.931, 92.034

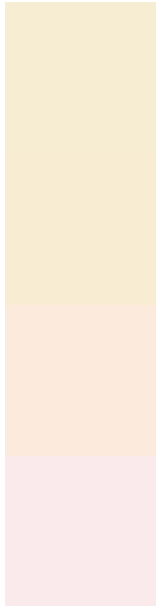
Deuteranopia

94, 9.029, 46.793



Tritanopia
94, 11.897, 329.079

Trichromacy



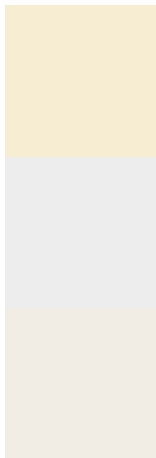
Original Color
94, 13.826, 93.518

Protanomaly
94, 13.931, 92.034

Deuteranomaly
94, 9.908, 70.407

Tritanomaly
94, 6.187, 10.195

Monochromacy



Original Color
94, 13.826, 93.518

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, 13.826, 93.518 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(247, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(247, 237, 211)  
}
```

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(247, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 237, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.826, 93.518 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(247, 237, 211) }
```

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

```
.border{ border-color:rgb(247, 237, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 237, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(247, 237,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.826, 93.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 237, 211) }
```

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

```
.background{ background-color: rgb(247,  
237, 211) }
```

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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