

Converting Colors

CIELCh(94, 13.171, 93.284)

Have a look what the booklet for
CIELCh(94, 13.171, 93.284) contains.

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Color

CIELCh(94, 12.838, 92.417)

Conversions

Conversions Part 1

Format	Color
Hex	F7EDD5
RGB	247, 237, 213
RGB Percent	97%, 93%, 84%
CMY	0.0308, 0.0700, 0.1641
CMYK	0.00, 0.04, 0.14, 0.03
HSL	42°, 68%, 90%
HSV	42°, 14%, 97%
XYZ	80.7707, 85.2715, 75.2537
YIQ	237.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

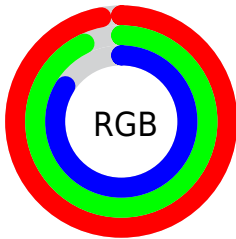
Format	Color
RYB	227, 247, 213
Decimal	16248277
CIELab	94.00, -0.54, 12.83
CIELCh	94, 12.838, 92.417
Yxy	85.2715, 0.3347, 0.3534
Android (android.graphics.Color)	4294438357 (0xFFF7EDD5)
YUV	237.2540, -11.9572, 8.5472
Hunter-Lab	92.3426, -5.4682, 16.3220

Details

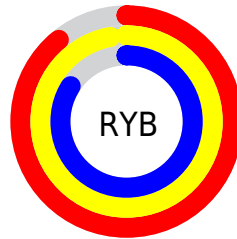
The CIELCh color **94, 12.838, 92.417** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 12.888, 275.997**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 12.887, 93.016** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.358, 91.151**, and if you desaturate by 10%, it is **96, 3.469, 93.616**.

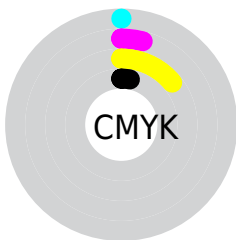
Distribution



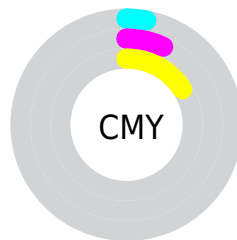
- Red (97%)
- Green (93%)
- Blue (84%)



- Red (89%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 12.838, 92.417 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, 12.838, 92.417 by changing the saturation by 10% instead.

 94, 12.838, 92.417

 94, 12.838, 92.417

 100, 12.838,
92.417

 84, 12.838, 92.417

 74, 12.838, 92.417

 64, 12.838, 92.417

 54, 12.838, 92.417

 44, 12.838, 92.417

 34, 12.838, 92.417

 24, 12.838, 92.417

 14, 12.838, 92.417

 4, 12.838, 92.417

94, 12.838, 92.417

94, 12.838, 92.417

92, 22.358, 91.151

96, 3.469, 93.616

89, 31.992, 89.830

99, 2.292, 247.066

87, 41.666, 88.470

99, 2.717, 199.477

85, 51.232, 87.068

83, 60.413, 85.612

81, 68.724, 84.062

79, 75.408, 82.337

77, 79.557, 80.296

76, 80.909, 78.845

Harmonies

Complementary

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



94, 12.838, 92.417



89, 12.888, 275.997

Rectangle

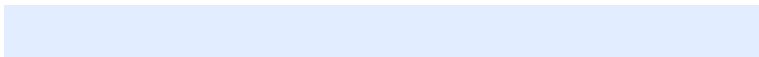
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 12.838, 92.417



94, 12.838, 142.417



94, 12.838, 272.417



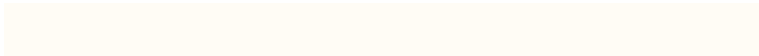
94, 12.838, 322.417

Sweetspot

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



94, 12.839, 92.428



99, 3.789, 93.591



88, 13.483, 357.280



53, 2.696, 93.509



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, 12.839, 92.428



96, 16.319, 92.016



96, 17.507, 117.052



50, 5.242, 92.955



59, 65.458, 79.330



18, 26.360, 82.120

Inverse Universe

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



89, 12.888, 275.997



89, 16.387, 276.490



87, 18.030, 299.015



48, 5.262, 275.393



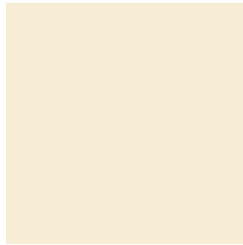
30, 82.021, 298.666



7, 31.048, 292.684

Previews

White Background



This preview shows how the CIELCh color 94, 12.838, 92.417 looks on a white background.

Color Contrast Check

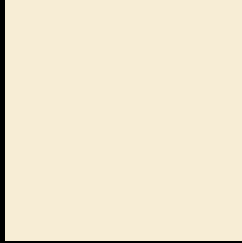
Large Text (above 18pt) WCAG AA × Fail

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, 12.838, 92.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

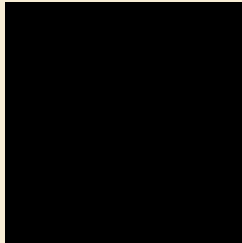
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 12.838, 92.417

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.838, 92.417.

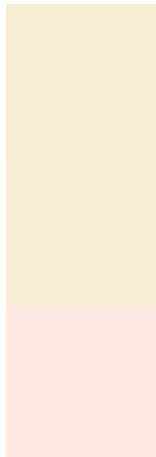


This preview shows how white text looks on a background with the CIELCh color 94, 12.838, 92.417.

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, 12.838, 92.417

Protanopia

94, 12.951, 90.835

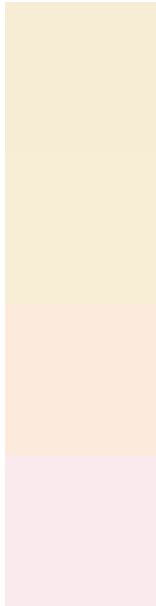
Deuteranopia

94, 8.796, 43.871



Tritanopia
94, 11.681, 327.705

Trichromacy



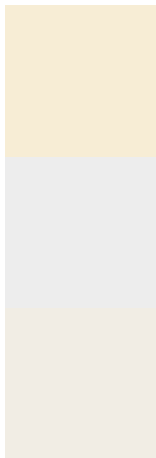
Original Color
94, 12.838, 92.417

Protanomaly
94, 12.951, 90.835

Deuteranomaly
94, 9.508, 68.534

Tritanomaly
94, 5.938, 4.694

Monochromacy



Original Color
94, 12.838, 92.417

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, 12.838, 92.417 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(247, 237, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 237, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.838, 92.417 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, 213) }
```

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

```
.border{ border-color:rgb(247, 237, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 237, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 237, 213); box-shadow:4px 4px 4px 4px rgb(247, 237, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.838, 92.417 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, 213) }
```

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

```
.background{ background-color: rgb(247,  
237, 213) }
```

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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