

Converting Colors

CIELCh(93, 13.185, 97.392)

Have a look what the booklet for
CIELCh(93, 13.185, 97.392) contains.

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Color

CIELCh(93, 13.089, 97.699)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2EBD2 |
| RGB | 242, 235, 210 |
| RGB Percent | 95%, 92%, 82% |
| CMY | 0.0509, 0.0783, 0.1764 |
| CMYK | 0.00, 0.03, 0.13, 0.05 |
| HSL | 47°, 55%, 89% |
| HSV | 47°, 13%, 95% |
| XYZ | 77.9780, 82.9670, 72.8931 |
| YIQ | 234.2430, 12.1970, -6.2910 |

Conversions

Conversions Part 2

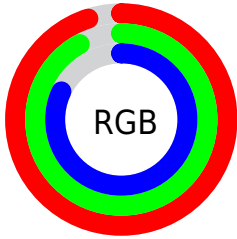
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 219, 242, 210 |
| Decimal | 15920082 |
| CIE Lab | 93.00, -1.75, 12.97 |
| CIE LCh | 93, 13.089, 97.699 |
| Yxy | 82.9670, 0.3335, 0.3548 |
| Android (android.graphics.Color) | 4294110162 (0xFFFF2EBD2) |
| YUV | 234.2430, -11.9518, 6.8029 |
| Hunter-Lab | 91.0862, -6.5889, 16.3127 |

Details

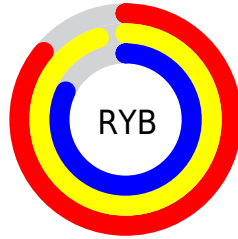
The CIELCh color **93, 13.089, 97.699** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 13.261, 280.941**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 12.719, 96.436** is the 20% darker color. If you saturate the color by 10%, you get **91, 23.091, 96.507**, and if you desaturate by 10%, it is **95, 3.166, 98.833**.

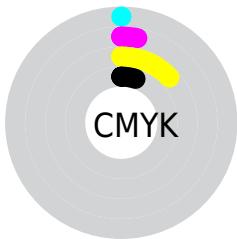
Distribution



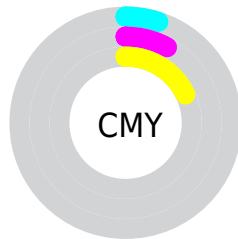
- Red (95%)
- Green (92%)
- Blue (82%)



- Red (86%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 13.089, 97.699 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 93, 13.089, 97.699 by changing the saturation by 10% instead.

93, 13.089, 97.699

93, 13.089, 97.699

100, 13.089,
97.699

83, 13.089, 97.699

73, 13.089, 97.699

63, 13.089, 97.699

53, 13.089, 97.699

43, 13.089, 97.699

33, 13.089, 97.699

23, 13.089, 97.699

13, 13.089, 97.699

3, 13.089, 97.699

93, 13.089, 97.699

93, 13.089, 97.699

91, 23.091, 96.507

95, 3.166, 98.833

89, 33.117, 95.269

97, 4.946, 276.088

88, 43.071, 94.005

98, 3.679, 234.074

86, 52.779, 92.719

99, 4.473, 199.270

84, 61.939, 91.411

83, 70.054, 90.065

82, 76.404, 88.645

80, 80.193, 87.077

79, 81.374, 85.910

Harmonies

Complementary

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



93, 13.089, 97.699



87, 13.261, 280.941

Rectangle

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



93, 13.089, 97.699



93, 13.089, 147.699



93, 13.089, 277.699



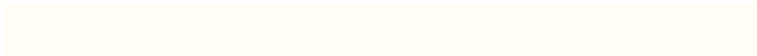
93, 13.089, 327.699

Sweetspot

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



93, 13.091, 97.709



99, 4.105, 98.755



87, 12.365, 2.000



53, 2.920, 98.675



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 13.091, 97.709



97, 16.549, 97.374



94, 16.684, 119.740



49, 5.570, 98.147



62, 66.245, 86.248



19, 26.557, 88.780

Inverse Universe

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



87, 13.261, 280.941



89, 16.806, 281.340



86, 17.134, 301.404



47, 5.627, 280.440



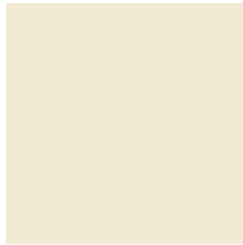
27, 89.522, 301.792



5, 32.060, 294.340

Previews

White Background



This preview shows how the CIELCh color 93, 13.089, 97.699 looks on a white background.

Color Contrast Check

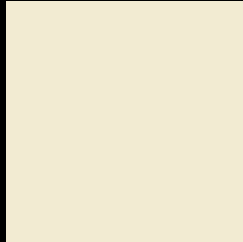
Large Text (above 18pt) WCAG AA × Fail

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 93, 13.089, 97.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

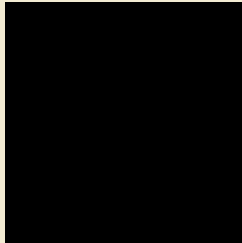
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

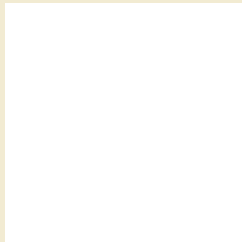
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 13.089, 97.699

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.089, 97.699.

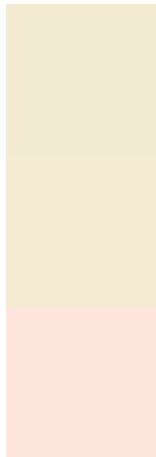


This preview shows how white text looks on a background with the CIELCh color 93, 13.089, 97.699.

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

93, 13.089, 97.699

Protanopia

93, 12.983, 90.814

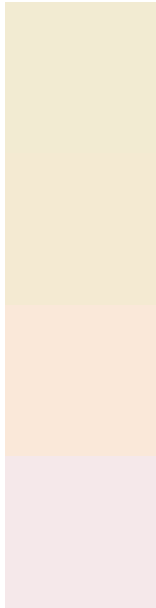
Deuteranopia

93, 10.304, 46.503



Tritanopia
93, 11.095, 323.295

Trichromacy



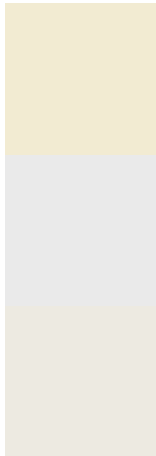
Original Color
93, 13.089, 97.699

Protanomaly
93, 12.870, 92.397

Deuteranomaly
93, 10.176, 68.764

Tritanomaly
93, 4.776, 7.174

Monochromacy



Original Color
93, 13.089, 97.699

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.741, 96.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.089, 97.699 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(242, 235, 210)` looks like.

```
.text, #text, p{  
    color:rgb(242, 235, 210)  
}
```

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(242, 235, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 235, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.089, 97.699 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(242, 235, 210) }
```

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

```
.border{ border-color:rgb(242, 235, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 235, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 235, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 235, 210);  
box-shadow:4px 4px 4px 4px rgb(242, 235,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.089, 97.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 235, 210) }
```

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

```
.background{ background-color: rgb(242,  
235, 210) }
```

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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