

Converting Colors

CIELCh(100, 38.524, 37.110)

Have a look what the booklet for
CIELCh(100, 38.524, 37.110)
contains.

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Color

CIELCh(93, 13.817, 70.806)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FEE7D2 |
| RGB | 254, 231, 210 |
| RGB Percent | 100%, 91%, 82% |
| CMY | 0.0035, 0.0936, 0.1759 |
| CMYK | 0.00, 0.09, 0.17, 0.00 |
| HSL | 29°, 96%, 91% |
| HSV | 29°, 17%, 100% |
| XYZ | 81.1672, 82.9670, 72.7958 |
| YIQ | 235.4830, 20.4490, -1.6550 |

Conversions

Conversions Part 2

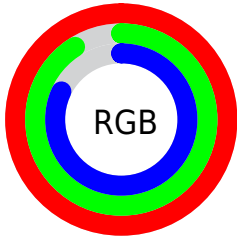
| Format | Color |
|-------------------------------------|---|
| RYB | 254, 250, 210 |
| Decimal | 16705490 |
| CIELab | 93.00, 4.54, 13.05 |
| CIELCh | 93, 13.817, 70.806 |
| Yxy | 82.9670, 0.3426, 0.3502 |
| Android (android.graphics.Color) | 4294895570 (0xFFFE7D2) |
| YUV | 235.4830, -12.5631, 16.2394 |
| Hunter-Lab | 91.0862, -0.3391, 16.3760 |

Details

The CIELCh color **93, 13.817, 70.806** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 13.120, 255.361**, 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, 13.543, 68.904** is the 20% darker color. If you saturate the color by 10%, you get **89, 22.377, 69.609**, and if you desaturate by 10%, it is **97, 5.683, 71.982**.

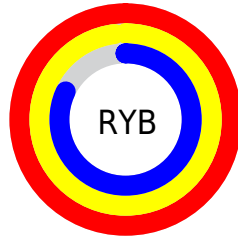
Distribution



Red (100%)

Green (91%)

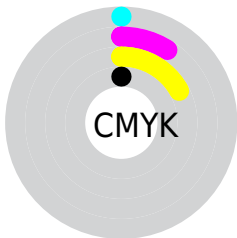
Blue (82%)



Red (100%)

Yellow (98%)

Blue (82%)

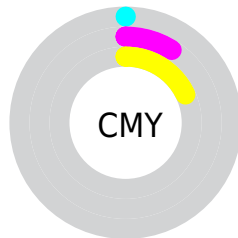


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 13.817, 70.806 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, 13.817, 70.806 by changing the saturation by 10% instead.

 93, 13.817, 70.806

 93, 13.817, 70.806

 100, 13.817,
70.806

 83, 13.817, 70.806

 73, 13.817, 70.806

 63, 13.817, 70.806

 53, 13.817, 70.806

 43, 13.817, 70.806

 33, 13.817, 70.806

 23, 13.817, 70.806

 13, 13.817, 70.806

 3, 13.817, 70.806

93, 13.817, 70.806

93, 13.817, 70.806

89, 22.377, 69.609

97, 5.683, 71.982

86, 31.382, 68.390

100, 0.313,
201.503

82, 40.822, 67.167

78, 50.624, 65.932

75, 60.586, 64.641

72, 70.257, 63.188

69, 78.763, 61.339

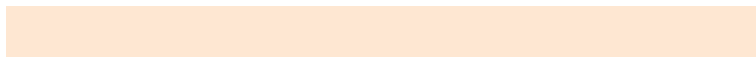
66, 84.858, 58.721

66, 86.252, 57.969

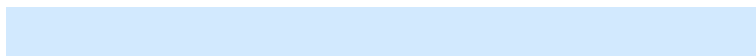
Harmonies

Complementary

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



93, 13.817, 70.806



91, 13.120, 255.361

Rectangle

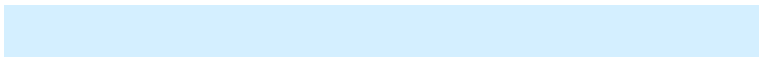
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 13.817, 70.806



93, 13.817, 120.806



93, 13.817, 250.806



93, 13.817, 300.806

Sweetspot

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



93, 13.817, 70.818



98, 3.878, 72.221



89, 19.966, 343.344



52, 2.651, 72.151



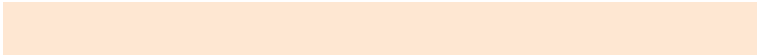
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 13.817, 70.818



92, 16.981, 70.373



98, 21.512, 107.083



51, 4.463, 71.736



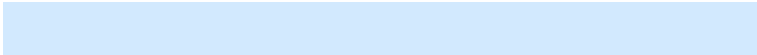
50, 69.369, 58.673



16, 27.044, 59.586

Inverse Universe

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



91, 13.120, 255.361



90, 15.922, 255.969



86, 22.331, 290.794



51, 4.349, 254.222



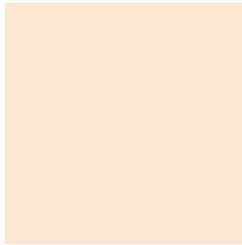
43, 55.710, 281.884



12, 22.786, 275.155

Previews

White Background



This preview shows how the CIELCh color 93, 13.817, 70.806 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 93, 13.817, 70.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

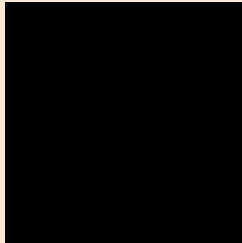
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 13.817, 70.806

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.817, 70.806.

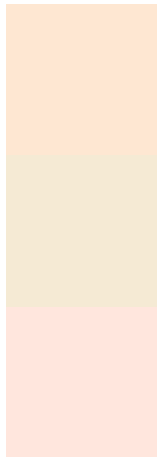


This preview shows how white text looks on a background with the CIELCh color 93, 13.817, 70.806.

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, 13.829, 70.798

Protanopia

93, 12.007, 89.407

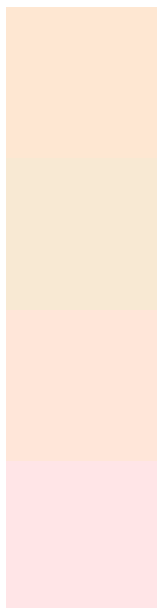
Deuteranopia

93, 10.304, 46.503



Tritanopia
93, 12.358, 341.588

Trichromacy



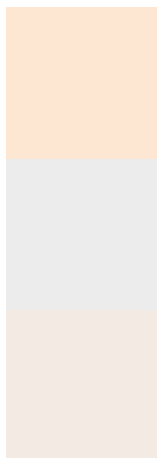
Original Color
93, 13.829, 70.798

Protanomaly
93, 12.606, 82.976

Deuteranomaly
93, 11.433, 55.515

Tritanomaly
93, 9.477, 13.796

Monochromacy



Original Color
93, 13.829, 70.798

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.830, 67.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.817, 70.806 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(254, 231, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 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(254, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.817, 70.806 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(254, 231, 210) }
```

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

```
.border{ border-color:rgb(254, 231, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 231, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.817, 70.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 210) }
```

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

```
.background{ background-color: rgb(254,  
231, 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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