

Converting Colors

CIELCh(96, 22.805, 46.827)

Have a look what the booklet for
CIELCh(96, 22.805, 46.827) contains.

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Color

CIELCh(93, 13.408, 69.518)

Conversions

Conversions Part 1

Format	Color
Hex	FEE7D3
RGB	254, 231, 211
RGB Percent	100%, 91%, 83%
CMY	0.0038, 0.0939, 0.1723
CMYK	0.00, 0.09, 0.17, 0.00
HSL	28°, 96%, 91%
HSV	28°, 17%, 100%
XYZ	81.2437, 82.9670, 73.4076
YIQ	235.5970, 20.1280, -1.3440

Conversions

Conversions Part 2

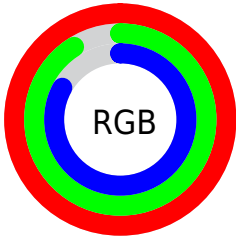
Format	Color
RYB	254, 248, 211
Decimal	16705491
CIELab	93.00, 4.69, 12.56
CIELCh	93, 13.408, 69.518
Yxy	82.9670, 0.3419, 0.3492
Android (android.graphics.Color)	4294895571 (0xFFFE7D3)
YUV	235.5970, -12.1263, 16.1394
Hunter-Lab	91.0862, -0.1891, 15.9778

Details

The CIELCh color **93, 13.408, 69.518** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.704, 253.900**, 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, 21.921, 68.350**, and if you desaturate by 10%, it is **97, 5.335, 70.666**.

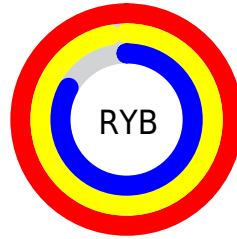
Distribution



Red (100%)

Green (91%)

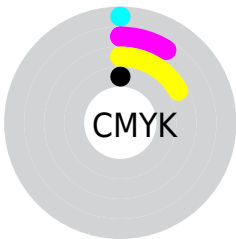
Blue (83%)



Red (100%)

Yellow (97%)

Blue (83%)

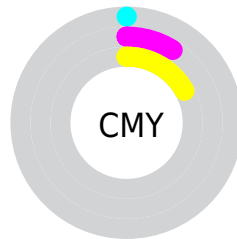


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 13.408, 69.518 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 93, 13.408, 69.518 by changing the saturation by 10% instead.

 93, 13.408, 69.518

 93, 13.408, 69.518

 100, 13.408,
69.518

 83, 13.408, 69.518

 73, 13.408, 69.518

 63, 13.408, 69.518

 53, 13.408, 69.518

 43, 13.408, 69.518

 33, 13.408, 69.518

 23, 13.408, 69.518

 13, 13.408, 69.518

 3, 13.408, 69.518

93, 13.408, 69.518

93, 13.408, 69.518

89, 21.921, 68.350

97, 5.335, 70.666

85, 30.897, 67.163

100, 0.335,
201.360

82, 40.331, 65.979

78, 50.159, 64.790

75, 60.192, 63.556

72, 70.000, 62.171

69, 78.730, 60.406

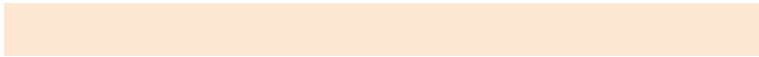
66, 85.104, 57.870

65, 86.748, 57.022

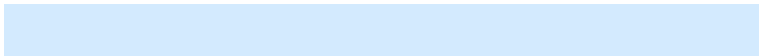
Harmonies

Complementary

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



93, 13.408, 69.518



92, 12.704, 253.900

Rectangle

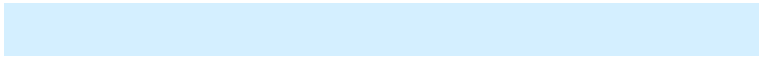
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 13.408, 69.518



93, 13.408, 119.518



93, 13.408, 249.518



93, 13.408, 299.518

Sweetspot

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



93, 13.408, 69.531



98, 3.850, 70.857



89, 19.722, 342.436



52, 2.632, 70.789



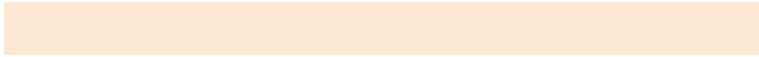
0, 0.000, 0.000



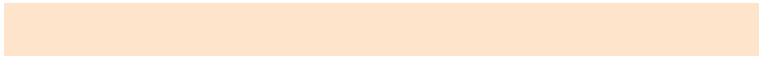
53, 0.007, 296.813

Same Dimension

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



93, 13.408, 69.531



92, 16.039, 69.167



98, 20.681, 106.383



51, 4.433, 70.383



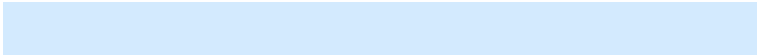
50, 69.763, 57.723



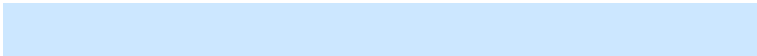
15, 27.080, 58.391

Inverse Universe

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



92, 12.704, 253.900



90, 15.028, 254.396



86, 21.419, 290.050



51, 4.311, 252.837



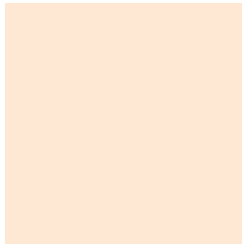
43, 54.345, 280.566



13, 22.294, 273.749

Previews

White Background



This preview shows how the CIE LCh color 93, 13.408, 69.518 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 93, 13.408, 69.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

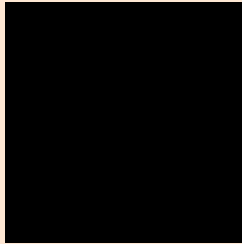
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 13.408, 69.518

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.408, 69.518.

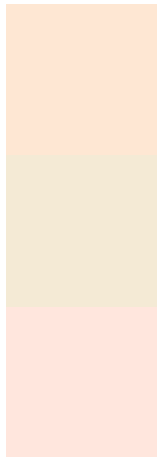


This preview shows how white text looks on a background with the CIELCh color 93, 13.408, 69.518.

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

93, 13.421, 69.511

Protanopia

93, 11.396, 90.363

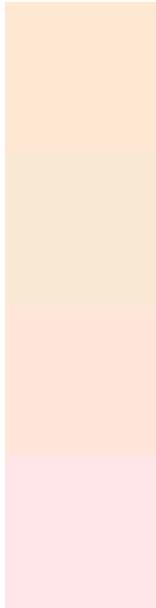
Deuteranopia

93, 10.304, 46.503



Tritanopia
93, 12.358, 341.588

Trichromacy



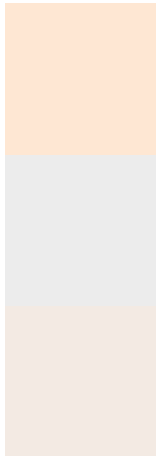
Original Color
93, 13.421, 69.511

Protanomaly
93, 12.143, 81.977

Deuteranomaly
93, 11.433, 55.515

Tritanomaly
93, 9.477, 13.796

Monochromacy



Original Color
93, 13.421, 69.511

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, 13.408, 69.518 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(254, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 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(254, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.408, 69.518 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(254, 231, 211) }
```

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

```
.border{ border-color:rgb(254, 231, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.408, 69.518 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, 211) }
```

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

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