

Converting Colors

CIE LCh(93, 3.604, 9.178)

Have a look what the booklet for
CIELCh(93, 3.604, 9.178) contains.

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Color

CIELCh(93, 3.617, 11.310)

Conversions

Conversions Part 1

Format	Color
Hex	F3E9EA
RGB	243, 233, 234
RGB Percent	95%, 91%, 92%
CMY	0.0486, 0.0877, 0.0838
CMYK	0.00, 0.04, 0.04, 0.05
HSL	354°, 29%, 93%
HSV	354°, 4%, 95%
XYZ	80.6571, 82.9670, 89.3179
YIQ	236.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

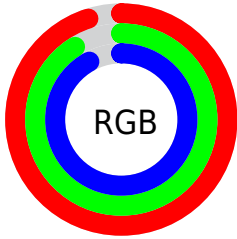
Format	Color
R _Y B	243, 233, 234
Decimal	15985130
CIE Lab	93.00, 3.55, 0.71
CIE LCh	93, 3.617, 11.310
Yxy	82.9670, 0.3189, 0.3280
Android (android.graphics.Color)	4294175210 (0xFF3E9EA)
YUV	236.1040, -1.0373, 6.0478
Hunter-Lab	91.0862, -1.3387, 5.6214

Details

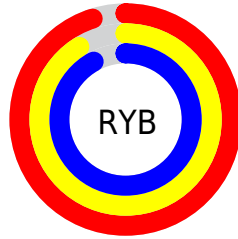
The CIELCh color **93, 3.617, 11.310** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **95, 3.536, 191.034**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 3.813, 11.444** is the 20% darker color. If you saturate the color by 10%, you get **87, 12.807, 12.376**, and if you desaturate by 10%, it is **99, 4.272, 199.290**.

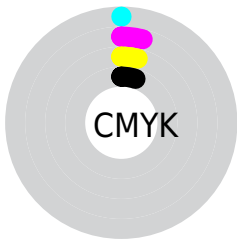
Distribution



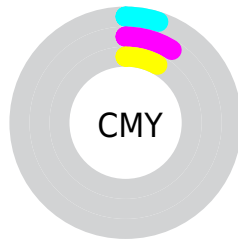
- Red (95%)
- Green (91%)
- Blue (92%)



- Red (95%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (5%)

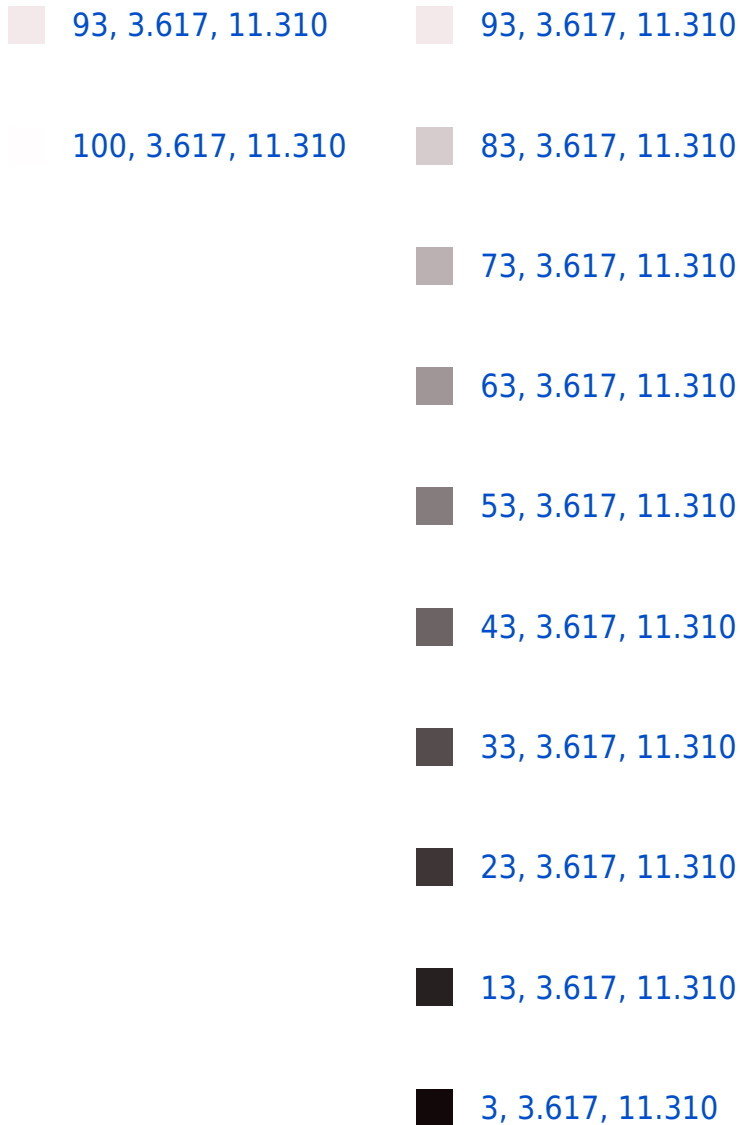


- Cyan (5%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 3.617, 11.310 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, 3.617, 11.310 by changing the saturation by 10% instead.



93, 3.617, 11.310

93, 3.617, 11.310

87, 12.807, 12.376

99, 4.272, 199.290

80, 22.591, 13.513

74, 32.911, 14.911

68, 43.629, 16.671

63, 54.507, 18.912

59, 65.205, 21.771

55, 75.346, 25.357

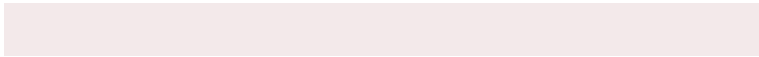
53, 84.583, 29.637

51, 92.520, 34.231

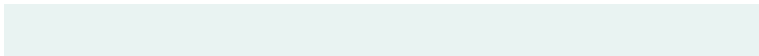
Harmonies

Complementary

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



93, 3.617, 11.310



95, 3.536, 191.034

Rectangle

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



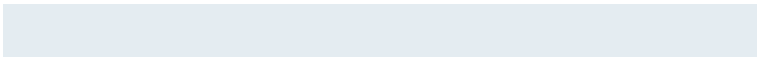
93, 3.617, 11.310



93, 3.617, 61.310



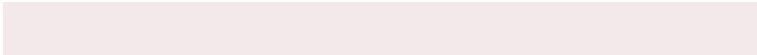
93, 3.617, 191.310



93, 3.617, 241.310

Sweetspot

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



93, 3.615, 11.340



99, 0.907, 10.550



93, 6.089, 321.870



53, 0.516, 10.509



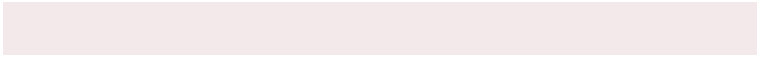
0, 0.000, 0.000



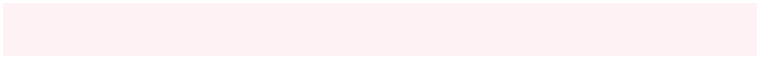
53, 0.007, 296.813

Same Dimension

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



93, 3.615, 11.340



97, 4.583, 11.445



94, 2.950, 63.302



49, 3.030, 11.520



39, 78.321, 35.887



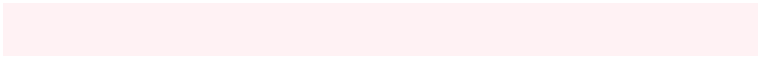
8, 30.440, 20.977

Inverse Universe

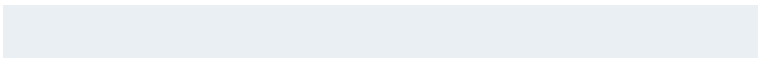
The Inverse Universe completely reimagines the original color for something new.



93, 3.615, 11.340



97, 4.583, 11.445



94, 2.914, 244.508



49, 3.030, 11.520



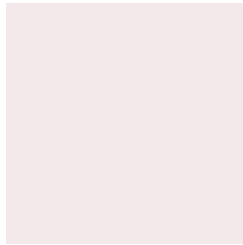
39, 78.321, 35.887



8, 30.440, 20.977

Previews

White Background



This preview shows how the CIELCh color 93, 3.617, 11.310 looks on a white background.

Color Contrast Check

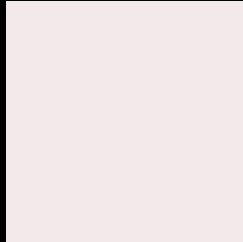
Large Text (above 18pt) WCAG AA × Fail

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, 3.617, 11.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

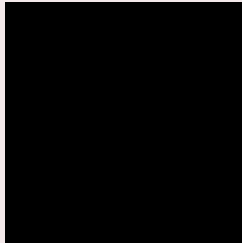
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

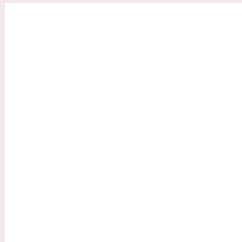
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 3.617, 11.310

Background



This preview shows how black text looks on a background with the CIELCh color 93, 3.617, 11.310.

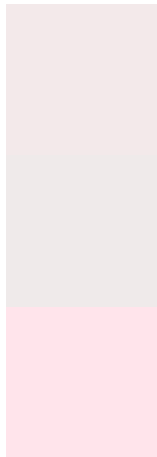


This preview shows how white text looks on a background with the CIELCh color 93, 3.617, 11.310.

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, 3.617, 11.310

Protanopia

93, 1.782, 19.178

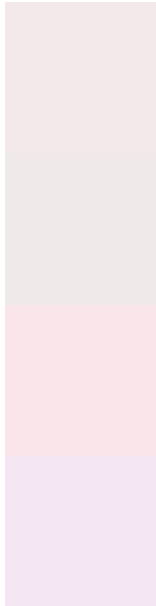
Deuteranopia

93, 10.377, 359.819



Tritanopia
93, 10.732, 320.106

Trichromacy



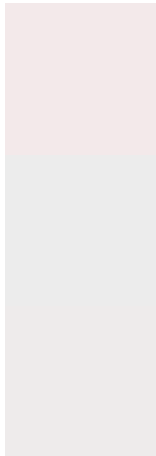
Original Color
93, 3.617, 11.310

Protanomaly
93, 2.556, 7.717

Deuteranomaly
93, 7.488, 3.919

Tritanomaly
93, 7.750, 326.847

Monochromacy



Original Color
93, 3.617, 11.310

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.067, 18.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 3.617, 11.310 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(243, 233, 234)` looks like.

```
.text, #text, p{  
    color:rgb(243, 233, 234)  
}
```

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(243, 233, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 233, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 3.617, 11.310 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(243, 233, 234) }
```

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

```
.border{ border-color:rgb(243, 233, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 233, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 233, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 233, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 233,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 3.617, 11.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 233, 234) }
```

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

```
.background{ background-color: rgb(243,  
233, 234) }
```

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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