

Converting Colors

CIELCh(93, 5.946, 4.715)

Have a look what the booklet for
CIELCh(93, 5.946, 4.715) contains.

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Color

CIELCh(93, 5.953, 4.702)

Conversions

Conversions Part 1

Format	Color
Hex	F7E7EA
RGB	247, 231, 234
RGB Percent	97%, 91%, 92%
CMY	0.0309, 0.0936, 0.0819
CMYK	0.00, 0.06, 0.05, 0.03
HSL	349°, 50%, 94%
HSV	349°, 6%, 97%
XYZ	81.8830, 82.9670, 89.6351
YIQ	236.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

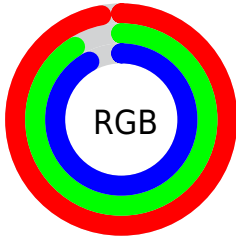
Format	Color
R _Y B	247, 231, 234
Decimal	16246762
CIE Lab	93.00, 5.93, 0.49
CIE LCh	93, 5.953, 4.702
Yxy	82.9670, 0.3218, 0.3260
Android (android.graphics.Color)	4294436842 (0xFFFF7E7EA)
YUV	236.1260, -1.0481, 9.5365
Hunter-Lab	91.0862, 1.0637, 5.4149

Details

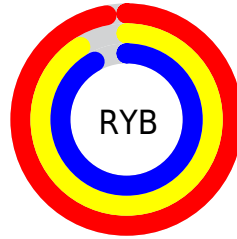
The CIELCh color **93, 5.953, 4.702** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **96, 5.791, 183.758**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.278, 4.897** is the 20% darker color. If you saturate the color by 10%, you get **87, 15.559, 5.825**, and if you desaturate by 10%, it is **99, 2.763, 191.130**.

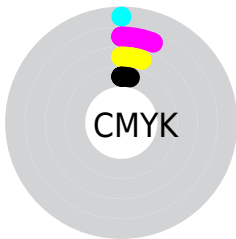
Distribution



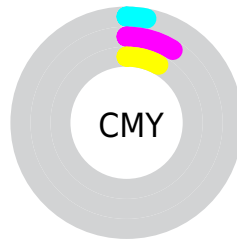
- Red (97%)
- Green (91%)
- Blue (92%)



- Red (97%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.953, 4.702 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, 5.953, 4.702 by changing the saturation by 10% instead.

93, 5.953, 4.702

93, 5.953, 4.702

100, 5.953, 4.702

83, 5.953, 4.702

73, 5.953, 4.702

63, 5.953, 4.702

53, 5.953, 4.702

43, 5.953, 4.702

33, 5.953, 4.702

23, 5.953, 4.702

13, 5.953, 4.702

3, 5.953, 4.702

93, 5.953, 4.702

93, 5.953, 4.702

87, 15.559, 5.825

99, 2.763, 191.130

80, 25.638, 7.088

99, 2.726, 199.475

74, 36.077, 8.614

69, 46.672, 10.503

63, 57.108, 12.882

59, 66.981, 15.903

56, 75.901, 19.712

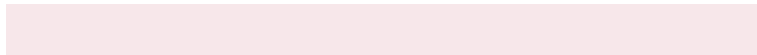
53, 83.638, 24.361

52, 90.219, 29.637

Harmonies

Complementary

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



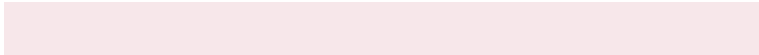
93, 5.953, 4.702



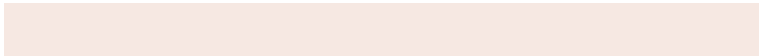
96, 5.791, 183.758

Rectangle

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



93, 5.953, 4.702



93, 5.953, 54.702



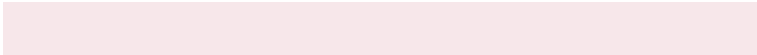
93, 5.953, 184.702



93, 5.953, 234.702

Sweetspot

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



93, 5.951, 4.718



99, 1.865, 4.074



93, 9.447, 319.072



53, 1.060, 4.048



0, 0.000, 0.000



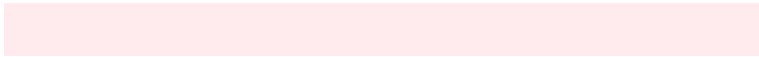
53, 0.007, 296.813

Same Dimension

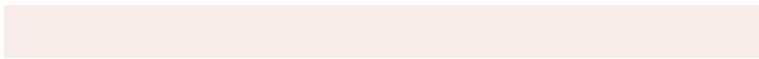
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.951, 4.718



95, 7.575, 4.888



94, 4.708, 51.005



48, 5.227, 5.047



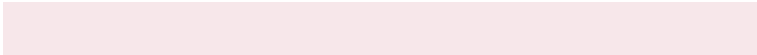
39, 73.997, 30.423



9, 30.049, 17.300

Inverse Universe

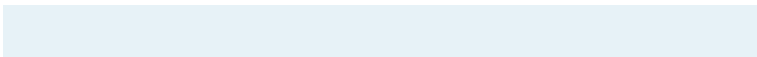
The Inverse Universe completely reimagines the original color for something new.



93, 5.951, 4.718



95, 7.575, 4.888



95, 4.553, 232.159



48, 5.227, 5.047



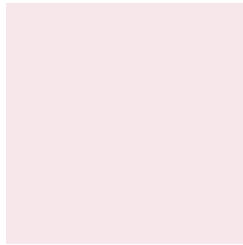
39, 73.997, 30.423



9, 30.049, 17.300

Previews

White Background



This preview shows how the CIELCh color 93, 5.953, 4.702 looks on a white background.

Color Contrast Check

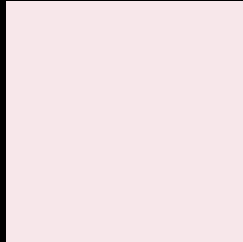
Large Text (above 18pt) WCAG AA × Fail

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, 5.953, 4.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

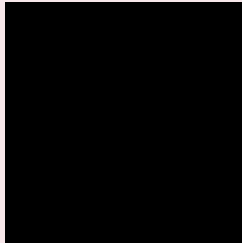
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

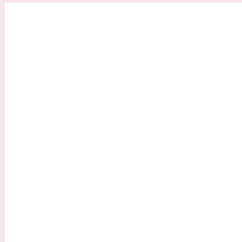
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.953, 4.702

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.953, 4.702.

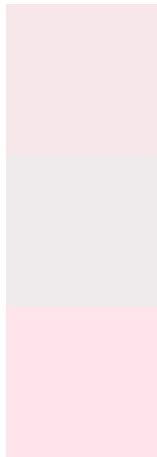


This preview shows how white text looks on a background with the CIELCh color 93, 5.953, 4.702.

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, 5.953, 4.702

Protanopia

93, 2.069, 349.356

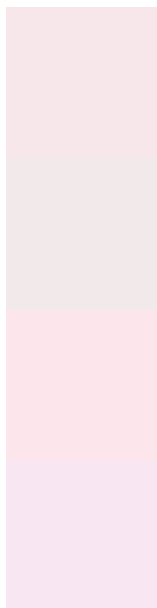
Deuteranopia

93, 10.377, 359.819



Tritanopia
93, 11.709, 327.710

Trichromacy



Original Color

93, 5.953, 4.702

Protanomaly

93, 3.383, 1.741

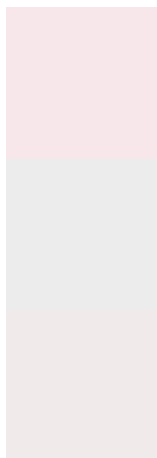
Deuteranomaly

93, 8.837, 359.541

Tritanomaly

93, 8.929, 336.133

Monochromacy



Original Color

93, 5.953, 4.702

Achromatopsia

93, 0.011, 296.813

Achromatomaly

93, 2.205, 5.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.953, 4.702 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, 231, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 231, 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(247, 231, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 231, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.953, 4.702 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, 231, 234) }
```

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

```
.border{ border-color:rgb(247, 231, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 231, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 231,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.953, 4.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 231, 234) }
```

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

```
.background{ background-color: rgb(247,  
231, 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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