

Converting Colors

CIELCh(93, 4.012, 352.835)

Have a look what the booklet for
CIELCh(93, 4.012, 352.835) contains.

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Color

CIELCh(93, 4.137, 349.660)

Conversions

Conversions Part 1

Format	Color
Hex	F2E8EC
RGB	242, 232, 236
RGB Percent	95%, 91%, 93%
CMY	0.0494, 0.0886, 0.0729
CMYK	0.00, 0.04, 0.02, 0.05
HSL	336°, 28%, 93%
HSV	336°, 4%, 95%
XYZ	80.9248, 82.9670, 91.4120
YIQ	235.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

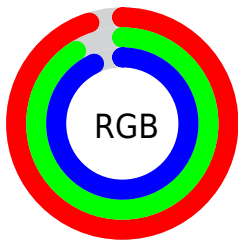
Format	Color
R _Y B	242, 232, 236
Decimal	15919340
CIE Lab	93.00, 4.07, -0.74
CIE LCh	93, 4.137, 349.660
Yxy	82.9670, 0.3170, 0.3250
Android (android.graphics.Color)	4294109420 (0xFF2E8EC)
YUV	235.4460, 0.2731, 5.7479
Hunter-Lab	91.0862, -0.8142, 4.2583

Details

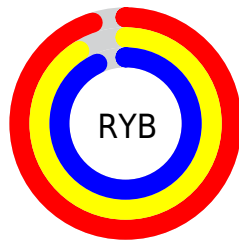
The CIELCh color **93, 4.137, 349.660** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 4.090, 169.191**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 4.354, 349.792** is the 20% darker color. If you saturate the color by 10%, you get **87, 14.377, 350.726**, and if you desaturate by 10%, it is **99, 4.859, 174.166**.

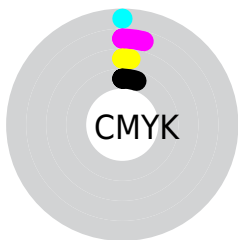
Distribution



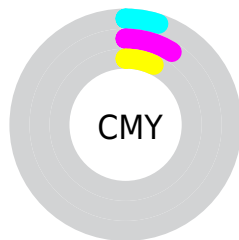
- Red (95%)
- Green (91%)
- Blue (93%)



- Red (95%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 4.137, 349.660 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, 4.137, 349.660 by changing the saturation by 10% instead.

93, 4.137, 349.660

93, 4.137, 349.660

100, 4.137,
349.660

83, 4.137, 349.660

73, 4.137, 349.660

63, 4.137, 349.660

53, 4.137, 349.660

43, 4.137, 349.660

33, 4.137, 349.660

23, 4.137, 349.660

13, 4.137, 349.660

3, 4.137, 349.660

93, 4.137, 349.660

93, 4.137, 349.660

87, 14.377,
350.726

99, 4.859, 174.166

81, 24.876,
351.836

99, 4.344, 199.282

75, 35.469,
353.111

69, 45.894,
354.614

64, 55.763,
356.430

60, 64.582,
358.680

56, 71.821, 1.521

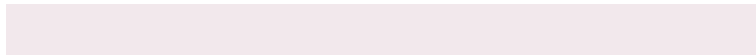
54, 77.092, 5.136

■ 52, 80.389, 9.676

Harmonies

Complementary

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



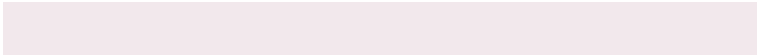
93, 4.137, 349.660



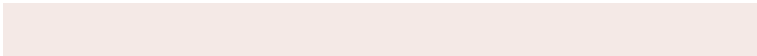
95, 4.090, 169.191

Rectangle

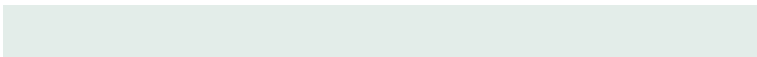
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



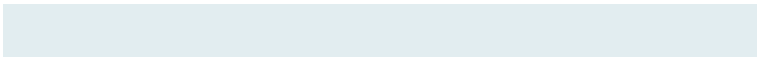
93, 4.137, 349.660



93, 4.137, 39.660



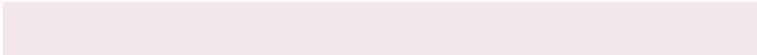
93, 4.137, 169.660



93, 4.137, 219.660

Sweetspot

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



93, 4.135, 349.675



99, 1.044, 349.012



93, 5.609, 312.624



53, 0.594, 348.981



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

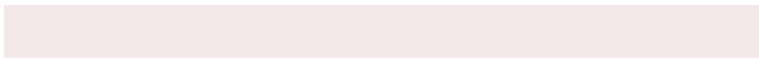
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 4.135, 349.675



97, 5.228, 349.778



93, 3.258, 28.507



49, 3.453, 349.853



40, 66.954, 11.726



9, 29.665, 4.007

Inverse Universe

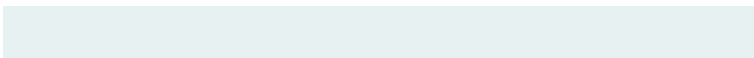
The Inverse Universe completely reimagines the original color for something new.



93, 4.135, 349.675



97, 5.228, 349.778



95, 3.174, 208.727



49, 3.453, 349.853



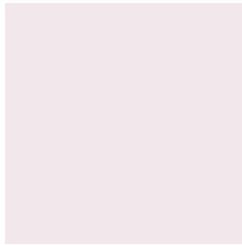
40, 66.954, 11.726



9, 29.665, 4.007

Previews

White Background



This preview shows how the CIELCh color 93, 4.137, 349.660 looks on a white background.

Color Contrast Check

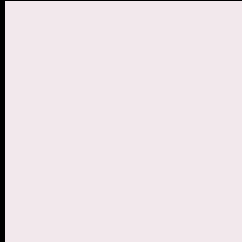
Large Text (above 18pt) WCAG AA × Fail

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, 4.137, 349.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

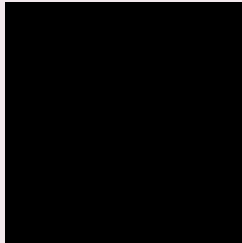
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

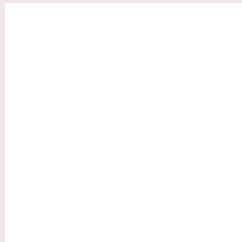
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.137, 349.660

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.137, 349.660.



This preview shows how white text looks on a background with the CIELCh color 93, 4.137, 349.660.

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](#).

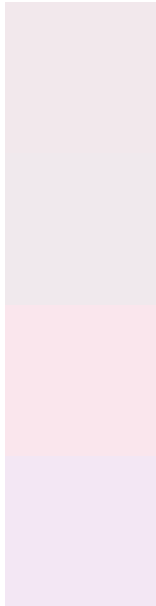
Dichromacy





Tritanopia
93, 11.022, 317.193

Trichromacy



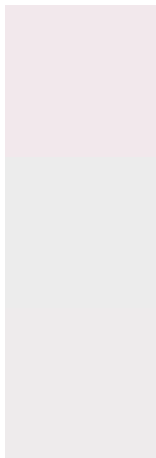
Original Color
93, 4.137, 349.660

Protanomaly
93, 3.253, 340.083

Deuteranomaly
93, 8.033, 353.271

Tritanomaly
93, 7.975, 322.591

Monochromacy



Original Color
93, 4.137, 349.660

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.194, 353.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.137, 349.660 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, 232, 236)` looks like.

```
.text, #text, p{  
    color:rgb(242, 232, 236)  
}
```

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, 232, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 232, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.137, 349.660 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, 232, 236) }
```

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

```
.border{ border-color:rgb(242, 232, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 232, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 232, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 232, 236);  
box-shadow:4px 4px 4px 4px rgb(242, 232,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.137, 349.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 232, 236) }
```

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

```
.background{ background-color: rgb(242,  
232, 236) }
```

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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