

Converting Colors

CIELCh(93, 4.840, 339.455)

Have a look what the booklet for
CIELCh(93, 4.840, 339.455) contains.

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Color

CIELCh(93, 4.739, 338.851)

Conversions

Conversions Part 1

Format	Color
Hex	F2E8EE
RGB	242, 232, 238
RGB Percent	95%, 91%, 93%
CMY	0.0500, 0.0892, 0.0657
CMYK	0.00, 0.04, 0.02, 0.05
HSL	324°, 28%, 93%
HSV	324°, 4%, 95%
XYZ	81.1042, 82.9670, 92.8252
YIQ	235.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

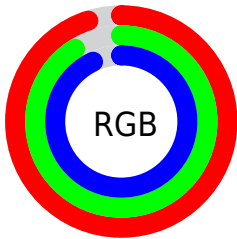
Format	Color
R _Y B	242, 232, 238
Decimal	15919342
CIE Lab	93.00, 4.42, -1.71
CIE LCh	93, 4.739, 338.851
Yxy	82.9670, 0.3157, 0.3230
Android (android.graphics.Color)	4294109422 (0xFF F2E8EE)
YUV	235.6740, 1.1467, 5.5479
Hunter-Lab	91.0862, -0.4626, 3.3385

Details

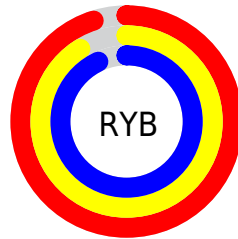
The CIELCh color $93, 4.739, 338.851$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $95, 4.706, 158.421$, and the grayscale version is $93, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $73, 4.984, 338.959$ is the 20% darker color. If you saturate the color by 10%, you get $87, 16.362, 339.710$, and if you desaturate by 10%, it is $99, 5.746, 160.579$.

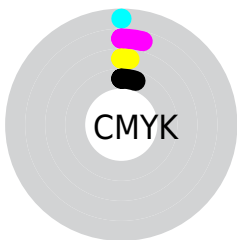
Distribution



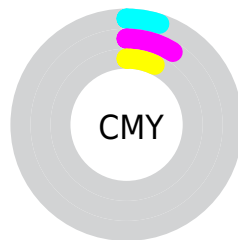
- Red (95%)
- Green (91%)
- Blue (93%)



- 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, 4.739, 338.851 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, 4.739, 338.851 by changing the saturation by 10% instead.

93, 4.739, 338.851

93, 4.739, 338.851

100, 4.739,
338.851

83, 4.739, 338.851

73, 4.739, 338.851

63, 4.739, 338.851

53, 4.739, 338.851

43, 4.739, 338.851

33, 4.739, 338.851

23, 4.739, 338.851

13, 4.739, 338.851

3, 4.739, 338.851

93, 4.739, 338.851

93, 4.739, 338.851

87, 16.362,
339.710

99, 5.746, 160.579

99, 4.395, 199.277

81, 28.115,
340.580

75, 39.783,
341.532

70, 51.045,
342.594

65, 61.451,
343.807

61, 70.435,
345.228

57, 77.396,
346.940

55, 81.846,
349.057

■ 53, 83.645,
351.705

Harmonies

Complementary

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



93, 4.739, 338.851



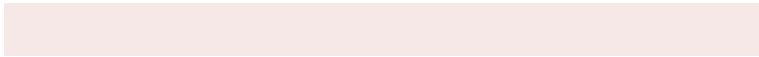
95, 4.706, 158.421

Rectangle

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



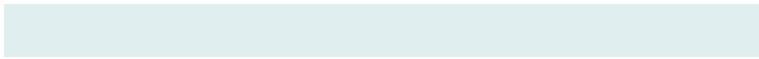
93, 4.739, 338.851



93, 4.739, 28.851



93, 4.739, 158.851



93, 4.739, 208.851

Sweetspot

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



93, 4.736, 338.858



99, 1.198, 338.344



93, 5.378, 305.687



53, 0.682, 338.321



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

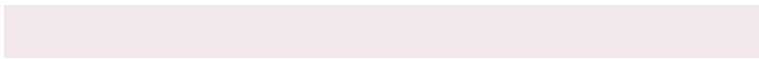
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 4.736, 338.858



97, 5.987, 338.942



93, 3.618, 11.311



49, 3.952, 339.003



41, 68.975, 352.929



9, 31.491, 348.531

Inverse Universe

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



93, 4.736, 338.858



97, 5.987, 338.942



95, 3.539, 191.004



49, 3.952, 339.003



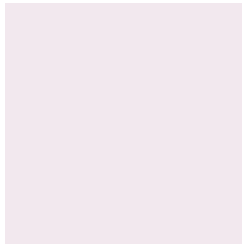
41, 68.975, 352.929



9, 31.491, 348.531

Previews

White Background



This preview shows how the CIELCh color 93, 4.739, 338.851 looks on a white background.

Color Contrast Check

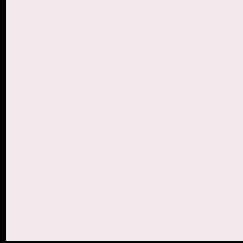
Large Text (above 18pt) WCAG AA × Fail

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, 4.739, 338.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

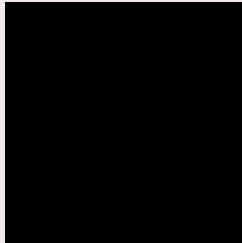
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

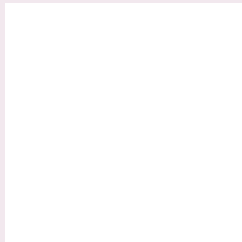
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.739, 338.851

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.739, 338.851.

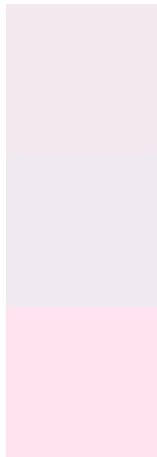


This preview shows how white text looks on a background with the CIELCh color 93, 4.739, 338.851.

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, 4.739, 338.851

Protanopia

93, 2.965, 318.824

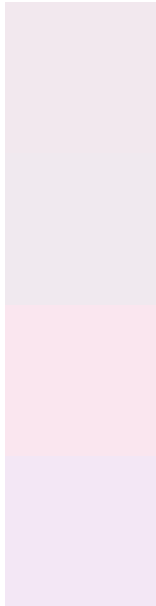
Deuteranopia

93, 11.221, 349.888



Tritanopia
93, 10.397, 316.717

Trichromacy



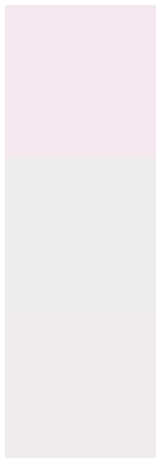
Original Color
93, 4.739, 338.851

Protanomaly
93, 3.994, 328.701

Deuteranomaly
93, 8.536, 347.078

Tritanomaly
93, 8.415, 320.727

Monochromacy



Original Color
93, 4.739, 338.851

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.497, 335.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.739, 338.851 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(242, 232, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 232, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.739, 338.851 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, 238) }
```

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

```
.border{ border-color:rgb(242, 232, 238) }
```

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, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 232, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 232, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 232,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.739, 338.851 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, 238) }
```

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

```
.background{ background-color: rgb(242,  
232, 238) }
```

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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