

Converting Colors

CIELCh(93, 3.347, 290.929)

Have a look what the booklet for
CIELCh(93, 3.347, 290.929) contains.

CIELCh(93, 3.621, 290.483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 3.621, 290.483)

Conversions

Conversions Part 1

Format	Color
Hex	EAEAF1
RGB	234, 234, 241
RGB Percent	92%, 92%, 95%
CMY	0.0810, 0.0810, 0.0535
CMYK	0.03, 0.03, 0.00, 0.05
HSL	240°, 20%, 93%
HSV	240°, 3%, 95%
XYZ	79.4974, 82.9670, 95.3174
YIQ	234.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

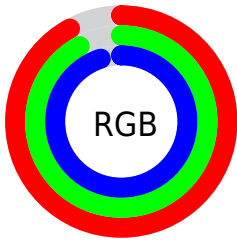
Format	Color
RYB	234, 234, 241
Decimal	15395569
CIELab	93.00, 1.27, -3.39
CIELCh	93, 3.621, 290.483
Yxy	82.9670, 0.3084, 0.3218
Android (android.graphics.Color)	4293585649 (0xFFEAEAF1)
YUV	234.7980, 3.0576, -0.6998
Hunter-Lab	91.0862, -3.6113, 1.7162

Details

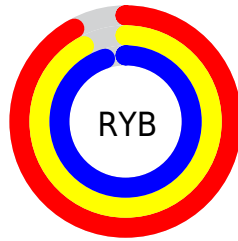
The CIELCh color **93, 3.621, 290.483** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 3.575, 109.857**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 3.809, 290.561** is the 20% darker color. If you saturate the color by 10%, you get **85, 16.384, 291.540**, and if you desaturate by 10%, it is **100, 6.908, 109.650**.

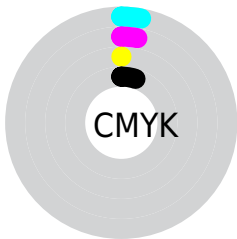
Distribution



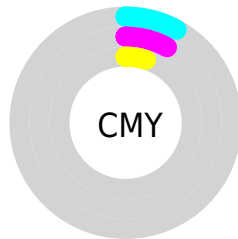
- Red (92%)
- Green (92%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 3.621, 290.483 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, 3.621, 290.483 by changing the saturation by 10% instead.

93, 3.621, 290.483

93, 3.621, 290.483

100, 3.621,
290.483

83, 3.621, 290.483

73, 3.621, 290.483

63, 3.621, 290.483

53, 3.621, 290.483

43, 3.621, 290.483

33, 3.621, 290.483

23, 3.621, 290.483

13, 3.621, 290.483

3, 3.621, 290.483

93, 3.621, 290.483

93, 3.621, 290.483

85, 16.384,
291.540

100, 6.908,
109.650

77, 29.691,
292.831

69, 43.580,
294.354

62, 58.070,
296.128

54, 73.106,
298.149

47, 88.425,
300.350

40, 103.298,
302.565

35, 116.205,
304.497

■ 32,124.968,
305.792

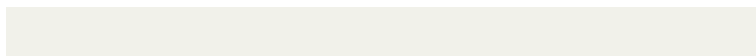
Harmonies

Complementary

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



93, 3.621, 290.483



95, 3.575, 109.857

Rectangle

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



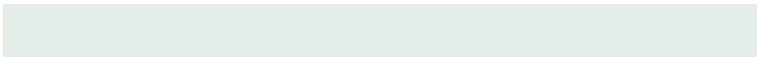
93, 3.621, 290.483



93, 3.621, 340.483



93, 3.621, 110.483



93, 3.621, 160.483

Sweetspot

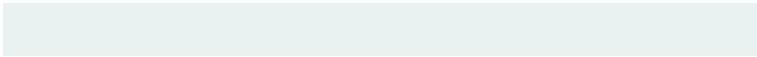
The Sweet Spot groups the original color and five complimentary colors.



93, 3.619, 290.462



99, 1.307, 290.312



95, 2.453, 198.101



53, 0.743, 290.311



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, 3.619, 290.462



98, 3.913, 290.472



93, 3.826, 308.579



49, 2.822, 290.547



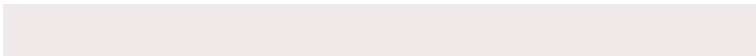
22, 104.530, 306.281



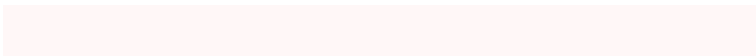
3, 37.795, 298.741

Inverse Universe

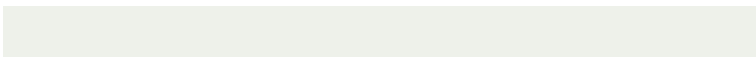
The Inverse Universe completely reimagines the original color for something new.



93, 2.498, 19.282



98, 2.702, 19.298



95, 3.790, 128.390



49, 1.953, 19.397



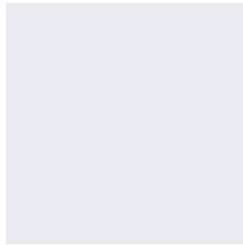
38, 81.677, 39.973



8, 29.833, 23.785

Previews

White Background



This preview shows how the CIE LCh color 93, 3.621, 290.483 looks on a white background.

Color Contrast Check

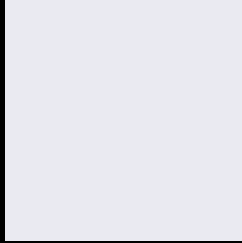
Large Text (above 18pt) WCAG AA × Fail

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, 3.621, 290.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

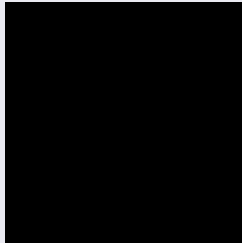
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

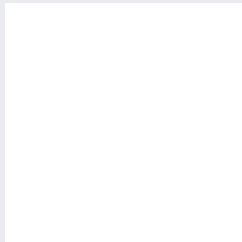
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 3.621, 290.483

Background



This preview shows how black text looks on a background with the CIELCh color 93, 3.621, 290.483.

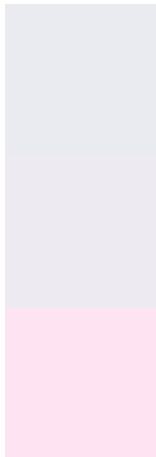


This preview shows how white text looks on a background with the CIELCh color 93, 3.621, 290.483.

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, 3.621, 290.483

Protanopia

93, 3.785, 306.644

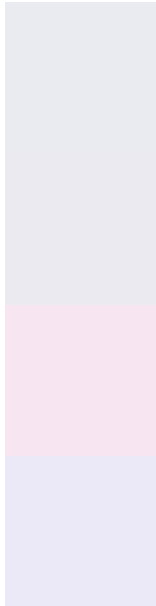
Deuteranopia

93, 12.083, 340.493



Tritanopia
93, 9.374, 297.245

Trichromacy



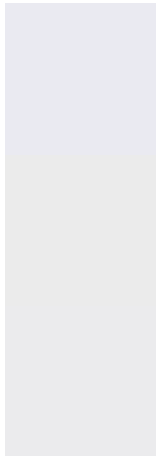
Original Color
93, 3.621, 290.483

Protanomaly
93, 3.698, 301.420

Deuteranomaly
93, 8.678, 334.472

Tritanomaly
93, 7.281, 296.222

Monochromacy



Original Color
93, 3.621, 290.483

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.041, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 3.621, 290.483 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(234, 234, 241)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 241)  
}
```

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(234, 234, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 3.621, 290.483 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(234, 234, 241) }
```

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

```
.border{ border-color:rgb(234, 234, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 234, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 241);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 3.621, 290.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 241) }
```

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

```
.background{ background-color: rgb(234,  
234, 241) }
```

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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