

Converting Colors

CIELCh(93, 7.888, 282.770)

Have a look what the booklet for
CIELCh(93, 7.888, 282.770) contains.

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Color

CIELCh(93, 8.311, 283.713)

Conversions

Conversions Part 1

Format	Color
Hex	E7EAFA
RGB	231, 234, 250
RGB Percent	91%, 92%, 98%
CMY	0.0930, 0.0812, 0.0185
CMYK	0.08, 0.06, 0.00, 0.02
HSL	231°, 67%, 94%
HSV	231°, 8%, 98%
XYZ	79.8539, 82.9670, 102.4879
YIQ	234.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

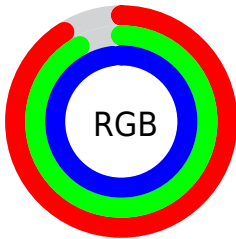
Format	Color
R _Y B	231, 234, 250
Decimal	15198970
CIE Lab	93.00, 1.97, -8.07
CIE LCh	93, 8.311, 283.713
Yxy	82.9670, 0.3010, 0.3127
Android (android.graphics.Color)	4293389050 (0xFFE7EAFA)
YUV	234.9270, 7.4310, -3.4440
Hunter-Lab	91.0862, -2.9127, -2.9512

Details

The CIELCh color **93, 8.311, 283.713** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 8.207, 101.957**, 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, 8.743, 283.963** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.554, 285.015**, and if you desaturate by 10%, it is **100, 2.376, 109.968**.

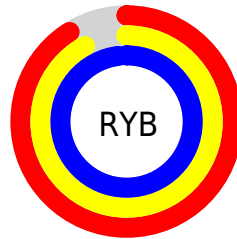
Distribution



Red (91%)

Green (92%)

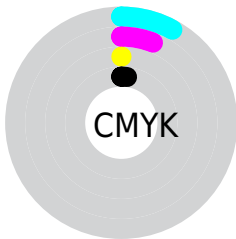
Blue (98%)



Red (91%)

Yellow (92%)

Blue (98%)

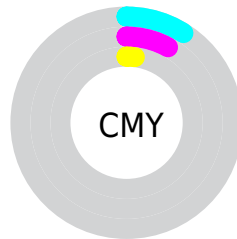


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (8%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.311, 283.713 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, 8.311, 283.713 by changing the saturation by 10% instead.

93, 8.311, 283.713

93, 8.311, 283.713

100, 8.311,
283.713

83, 8.311, 283.713

73, 8.311, 283.713

63, 8.311, 283.713

53, 8.311, 283.713

43, 8.311, 283.713

33, 8.311, 283.713

23, 8.311, 283.713

13, 8.311, 283.713

3, 8.311, 283.713

93, 8.311, 283.713

93, 8.311, 283.713

86, 19.554,
285.015

100, 2.376,
109.968

79, 31.187,
286.563

72, 43.243,
288.379

65, 55.758,
290.492

58, 68.746,
292.913

51, 82.140,
295.602

45, 95.659,
298.443

40, 108.600,
301.215

■ 36,119.700,
303.608

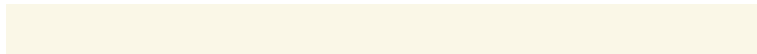
Harmonies

Complementary

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



93, 8.311, 283.713



97, 8.207, 101.957

Rectangle

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



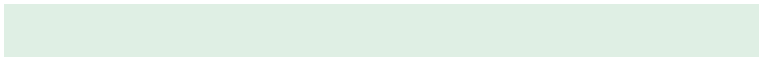
93, 8.311, 283.713



93, 8.311, 333.713



93, 8.311, 103.713



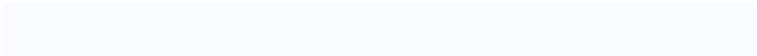
93, 8.311, 153.713

Sweetspot

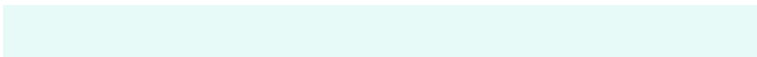
The Sweet Spot groups the original color and five complimentary colors.



93, 8.309, 283.703



99, 2.211, 283.103



97, 6.796, 185.258



53, 1.257, 283.096



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, 8.309, 283.703



94, 10.020, 283.875



93, 10.101, 303.466



48, 6.230, 283.935



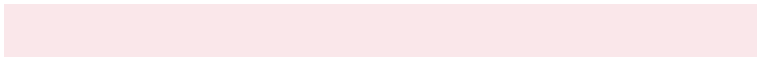
26, 97.398, 303.707



5, 37.340, 297.882

Inverse Universe

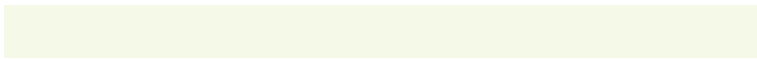
The Inverse Universe completely reimagines the original color for something new.



93, 7.009, 7.098



94, 8.469, 7.249



97, 9.948, 122.644



49, 5.270, 7.301



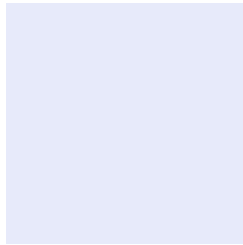
39, 76.258, 32.503



9, 31.199, 19.657

Previews

White Background



This preview shows how the CIELCh color 93, 8.311, 283.713 looks on a white background.

Color Contrast Check

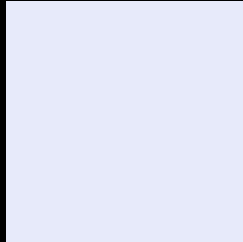
Large Text (above 18pt) WCAG AA × Fail

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, 8.311, 283.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

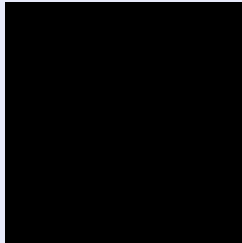
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

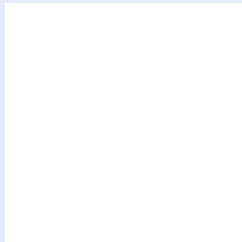
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.311, 283.713

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.311, 283.713.



This preview shows how white text looks on a background with the CIELCh color 93, 8.311, 283.713.

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, 8.311, 283.713

Protanopia

93, 8.823, 295.359

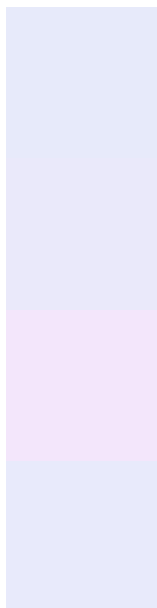
Deuteranopia

93, 14.647, 322.637



Tritanopia
93, 9.310, 286.694

Trichromacy



Original Color
93, 8.311, 283.713

Protanomaly
93, 8.798, 293.121

Deuteranomaly
93, 11.813, 313.451

Tritanomaly
93, 8.795, 286.399

Monochromacy



Original Color
93, 8.311, 283.713

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.117, 283.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.311, 283.713 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(231, 234, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 234, 250)  
}
```

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(231, 234, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 234, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.311, 283.713 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(231, 234, 250) }
```

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

```
.border{ border-color:rgb(231, 234, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 234, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 234, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 234, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 234,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.311, 283.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 234, 250) }
```

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

```
.background{ background-color: rgb(231,  
234, 250) }
```

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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