

Converting Colors

CIELCh(93, 8.376, 281.591)

Have a look what the booklet for
CIELCh(93, 8.376, 281.591) contains.

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Color

CIELCh(93, 8.823, 284.180)

Conversions

Conversions Part 1

Format	Color
Hex	E7EAFB
RGB	231, 234, 251
RGB Percent	91%, 92%, 98%
CMY	0.0933, 0.0815, 0.0148
CMYK	0.08, 0.07, 0.00, 0.01
HSL	231°, 73%, 95%
HSV	231°, 8%, 99%
XYZ	79.9510, 82.9670, 103.2428
YIQ	235.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

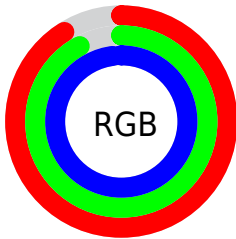
Format	Color
R_{YB}	231, 234, 251
Decimal	15198971
CIE _{Lab}	93.00, 2.16, -8.55
CIE _{LCh}	93, 8.823, 284.180
Yxy	82.9670, 0.3004, 0.3117
Android (android.graphics.Color)	4293389051 (0xFFE7EAFB)
YUV	235.0410, 7.8678, -3.5440
Hunter-Lab	91.0862, -2.7224, -3.4426

Details

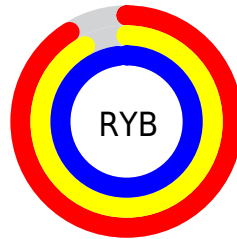
The CIELCh color `93, 8.823, 284.180` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 8.706, 102.352`, and the grayscale version is `93, 0.011, 296.813`.

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, 20.218, 285.484`, and if you desaturate by 10%, it is `100, 1.909, 109.995`.

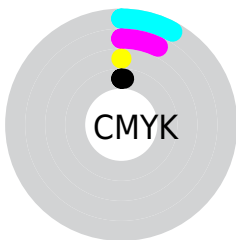
Distribution



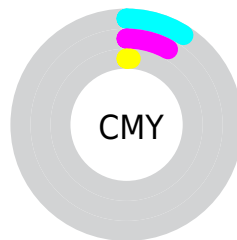
- Red (91%)
- Green (92%)
- Blue (98%)



- Red (91%)
- Yellow (92%)
- Blue (98%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.823, 284.180 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, 8.823, 284.180 by changing the saturation by 10% instead.

93, 8.823, 284.180

93, 8.823, 284.180

100, 8.823,
284.180

83, 8.823, 284.180

73, 8.823, 284.180

63, 8.823, 284.180

53, 8.823, 284.180

43, 8.823, 284.180

33, 8.823, 284.180

23, 8.823, 284.180

13, 8.823, 284.180

3, 8.823, 284.180

93, 8.823, 284.180

93, 8.823, 284.180

86, 20.218,
285.484

100, 1.909,
109.995

79, 32.015,
287.034

71, 44.249,
288.851

64, 56.955,
290.964

57, 70.141,
293.381

51, 83.725,
296.059

45, 97.385,
298.871

39, 110.344,
301.587

■ 35,121.254,
303.891

Harmonies

Complementary

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



93, 8.823, 284.180



97, 8.706, 102.352

Rectangle

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



93, 8.823, 284.180



93, 8.823, 334.180



93, 8.823, 104.180



93, 8.823, 154.180

Sweetspot

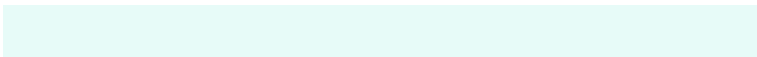
The Sweet Spot groups the original color and five complimentary colors.



93, 8.821, 284.171



99, 2.230, 283.529



97, 7.145, 185.222



53, 1.268, 283.521



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, 8.821, 284.171



93, 11.248, 284.421



93, 10.631, 303.488



48, 6.285, 284.357



25, 98.074, 303.909



5, 37.575, 298.055

Inverse Universe

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



93, 7.364, 7.754



93, 9.418, 7.971



98, 10.464, 122.623



49, 5.259, 7.916



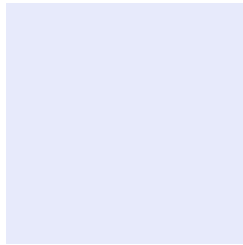
39, 76.659, 33.017



9, 31.239, 19.990

Previews

White Background



This preview shows how the CIE LCh color 93, 8.823, 284.180 looks on a white background.

Color Contrast Check

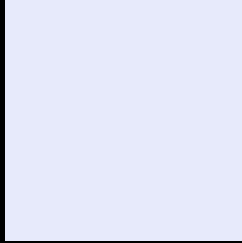
Large Text (above 18pt) WCAG AA × Fail

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, 8.823, 284.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

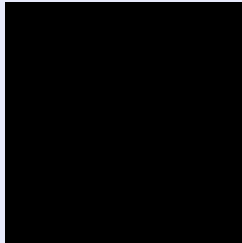
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

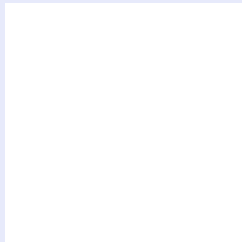
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.823, 284.180

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.823, 284.180.



This preview shows how white text looks on a background with the CIELCh color 93, 8.823, 284.180.

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, 8.823, 284.180

Protanopia

93, 9.314, 293.032

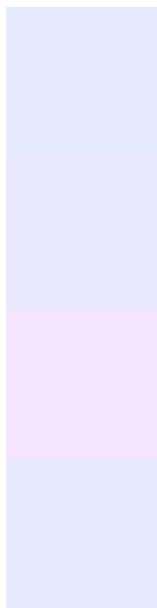
Deuteranopia

93, 14.467, 321.440



Tritanopia
93, 9.848, 284.981

Trichromacy



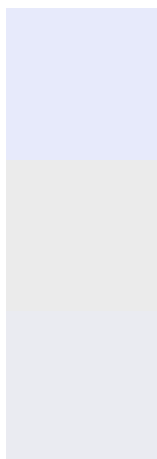
Original Color
93, 8.823, 284.180

Protanomaly
93, 9.303, 290.917

Deuteranomaly
93, 12.290, 312.535

Tritanomaly
93, 9.335, 284.601

Monochromacy



Original Color
93, 8.823, 284.180

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, 8.823, 284.180 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(231, 234, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 234, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.823, 284.180 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, 251) }
```

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

```
.border{ border-color:rgb(231, 234, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 234, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 234, 251);  
box-shadow:4px 4px 4px 4px rgb(231, 234,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.823, 284.180 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, 251) }
```

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

```
.background{ background-color: rgb(231,  
234, 251) }
```

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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