

Converting Colors

CIE LCh(93, 9.424, 299.338)

Have a look what the booklet for
CIELCh(93, 9.424, 299.338) contains.

CIELCh(93, 9.423, 299.332)	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, 9.423, 299.332)

Conversions

Conversions Part 1

Format	Color
Hex	EDE9FB
RGB	237, 233, 251
RGB Percent	93%, 91%, 98%
CMY	0.0720, 0.0876, 0.0171
CMYK	0.06, 0.07, 0.00, 0.02
HSL	253°, 67%, 95%
HSV	253°, 7%, 98%
XYZ	81.2049, 82.9670, 102.7089
YIQ	236.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

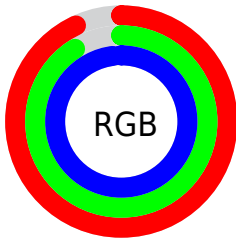
Format	Color
R _Y B	237, 233, 251
Decimal	15591931
CIE Lab	93.00, 4.62, -8.21
CIE LCh	93, 9.423, 299.332
Yxy	82.9670, 0.3043, 0.3109
Android (android.graphics.Color)	4293782011 (0xFFE9E9FB)
YUV	236.2480, 7.2727, 0.6595
Hunter-Lab	91.0862, -0.2652, -3.0951

Details

The CIELCh color `93, 9.423, 299.332` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 9.267, 118.375`, 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, 9.378, 299.924` is the 20% darker color. If you saturate the color by 10%, you get `85, 22.966, 300.097`, and if you desaturate by 10%, it is `100, 2.196, 109.979`.

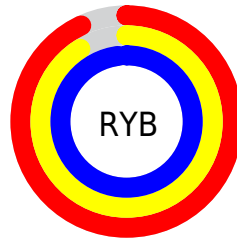
Distribution



Red (93%)

Green (91%)

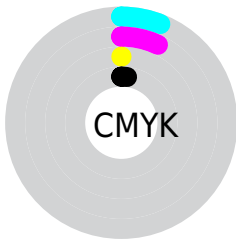
Blue (98%)



Red (93%)

Yellow (91%)

Blue (98%)

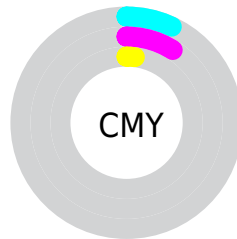


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (7%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.423, 299.332 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, 9.423, 299.332 by changing the saturation by 10% instead.

93, 9.423, 299.332

93, 9.423, 299.332

100, 9.423,
299.332

83, 9.423, 299.332

73, 9.423, 299.332

63, 9.423, 299.332

53, 9.423, 299.332

43, 9.423, 299.332

33, 9.423, 299.332

23, 9.423, 299.332

13, 9.423, 299.332

3, 9.423, 299.332

93, 9.423, 299.332

93, 9.423, 299.332

85, 22.966,
300.097

100, 2.196,
109.979

78, 37.031,
300.981

70, 51.604,
301.982

62, 66.608,
303.092

55, 81.830,
304.276

48, 96.794,
305.458

42, 110.572,
306.498

37, 121.688,
307.188

■ 34, 128.561,
307.324

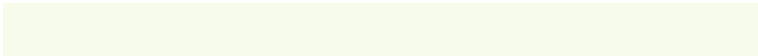
Harmonies

Complementary

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



93, 9.423, 299.332



98, 9.267, 118.375

Rectangle

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



93, 9.423, 299.332



93, 9.423, 349.332



93, 9.423, 119.332



93, 9.423, 169.332

Sweetspot

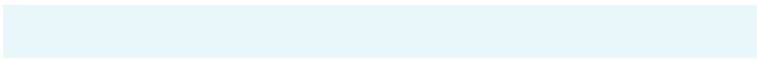
The Sweet Spot groups the original color and five complimentary colors.



93, 9.421, 299.326



98, 2.644, 298.963



96, 5.211, 221.801



53, 1.503, 298.956



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, 9.421, 299.326



93, 12.017, 299.459



94, 10.363, 316.540



48, 7.473, 299.495



24, 104.818, 307.444



4, 42.622, 305.418

Inverse Universe

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



94, 9.646, 331.729



94, 12.280, 331.855



97, 10.294, 135.971



49, 7.633, 331.889



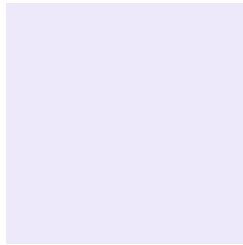
43, 77.629, 339.550



11, 35.855, 337.815

Previews

White Background



This preview shows how the CIELCh color 93, 9.423, 299.332 looks on a white background.

Color Contrast Check

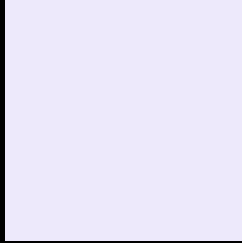
Large Text (above 18pt) WCAG AA × Fail

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, 9.423, 299.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

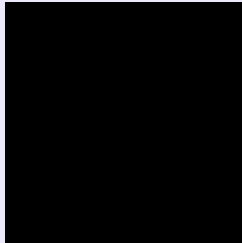
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 9.423, 299.332

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.423, 299.332.



This preview shows how white text looks on a background with the CIELCh color 93, 9.423, 299.332.

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, 9.423, 299.332

Protanopia

93, 9.314, 293.032

Deuteranopia

93, 14.647, 322.637



Tritanopia
93, 9.423, 299.332

Trichromacy



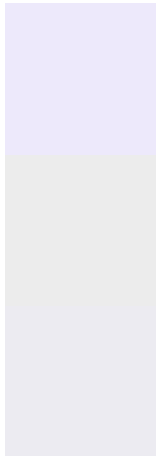
Original Color
93, 9.423, 299.332

Protanomaly
93, 9.338, 295.144

Deuteranomaly
93, 12.565, 315.505

Tritanomaly
93, 9.423, 299.332

Monochromacy



Original Color
93, 9.423, 299.332

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.127, 296.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.423, 299.332 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(237, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(237, 233, 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(237, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 233, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.423, 299.332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

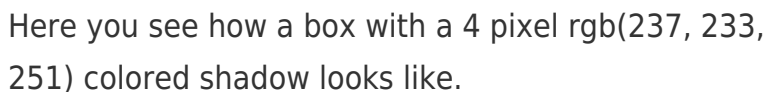
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 233, 251) }
```

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

```
.border{ border-color:rgb(237, 233, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 233, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 233, 251); box-shadow:4px 4px 4px 4px rgb(237, 233, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.423, 299.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 233, 251) }
```

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

```
.background{ background-color: rgb(237,  
233, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor