

Converting Colors

CIELCh(91, 9.590, 298.502)

Have a look what the booklet for
CIELCh(91, 9.590, 298.502) contains.

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Color

CIELCh(91, 9.469, 299.344)

Conversions

Conversions Part 1

Format	Color
Hex	E7E3F5
RGB	231, 227, 245
RGB Percent	91%, 89%, 96%
CMY	0.0943, 0.1100, 0.0394
CMYK	0.06, 0.07, 0.00, 0.04
HSL	253°, 47%, 93%
HSV	253°, 7%, 96%
XYZ	76.8704, 78.4833, 97.4460
YIQ	230.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

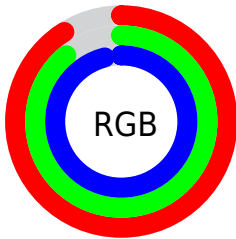
Format	Color
R_{YB}	231, 227, 245
Decimal	15197173
CIE _{Lab}	91.00, 4.64, -8.25
CIE _{LCh}	91, 9.469, 299.344
Yxy	78.4833, 0.3041, 0.3105
Android (android.graphics.Color)	4293387253 (0xFFE7E3F5)
YUV	230.2480, 7.2727, 0.6595
Hunter-Lab	88.5908, -0.1493, -3.2028

Details

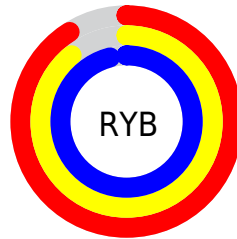
The CIELCh color `91, 9.469, 299.344` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `96, 9.310, 118.365`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 9.374, 297.747` is the 20% darker color. If you saturate the color by 10%, you get `83, 22.770, 300.110`, and if you desaturate by 10%, it is `99, 3.339, 118.681`.

Distribution



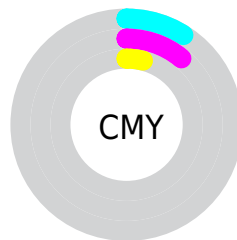
- Red (91%)
- Green (89%)
- Blue (96%)



- Red (91%)
- Yellow (89%)
- Blue (96%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.469, 299.344 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 91, 9.469, 299.344 by changing the saturation by 10% instead.

91, 9.469, 299.344

91, 9.469, 299.344

100, 9.469,
299.344

81, 9.469, 299.344

71, 9.469, 299.344

61, 9.469, 299.344

51, 9.469, 299.344

41, 9.469, 299.344

31, 9.469, 299.344

21, 9.469, 299.344

11, 9.469, 299.344

1, 9.469, 299.344

91, 9.469, 299.344

91, 9.469, 299.344

83, 22.770,
300.110

99, 3.339, 118.681

76, 36.583,
300.994

100, 5.082,
109.783

68, 50.893,
301.996

61, 65.624,
303.105

54, 80.566,
304.288

47, 95.247,
305.468

41, 108.757,
306.505

36, 119.645,
307.191

■ 33,126.382,
307.327

Harmonies

Complementary

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



91, 9.469, 299.344



96, 9.310, 118.365

Rectangle

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



91, 9.469, 299.344



91, 9.469, 349.344



91, 9.469, 119.344



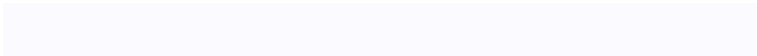
91, 9.469, 169.344

Sweetspot

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



91, 9.467, 299.338



98, 2.644, 298.964



94, 5.233, 221.805



53, 1.503, 298.957



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 9.467, 299.338



93, 12.017, 299.460



92, 10.412, 316.548



47, 7.347, 299.495



24, 103.752, 307.451



4, 40.578, 304.737

Inverse Universe

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



92, 9.691, 331.741



94, 12.280, 331.856



95, 10.342, 135.963



48, 7.504, 331.888



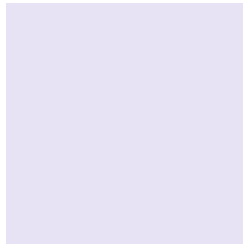
42, 76.858, 339.538



10, 34.919, 337.722

Previews

White Background



This preview shows how the CIELCh color 91, 9.469, 299.344 looks on a white background.

Color Contrast Check

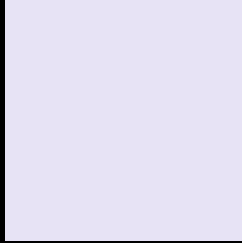
Large Text (above 18pt) WCAG AA × Fail

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 91, 9.469, 299.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

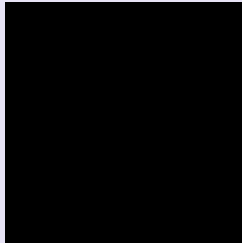
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

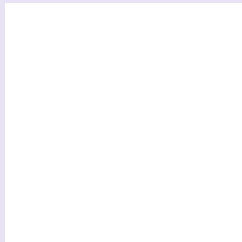
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.469, 299.344

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.469, 299.344.

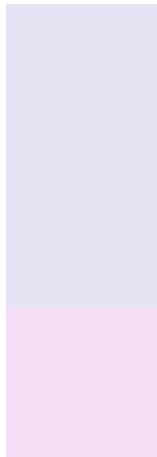


This preview shows how white text looks on a background with the CIELCh color 91, 9.469, 299.344.

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

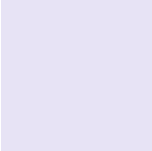
91, 9.469, 299.344

Protanopia

91, 8.822, 290.891

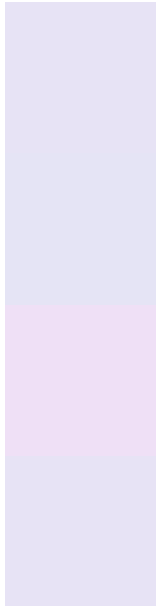
Deuteranopia

91, 14.084, 322.524



Tritanopia
91, 9.469, 299.344

Trichromacy



Original Color
91, 9.469, 299.344

Protanomaly
91, 8.834, 293.133

Deuteranomaly
91, 12.625, 315.514

Tritanomaly
91, 9.469, 299.344

Monochromacy



Original Color
91, 9.469, 299.344

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.142, 296.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.469, 299.344 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, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 245)  
}
```

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, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.469, 299.344 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, 227, 245) }
```

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

```
.border{ border-color:rgb(231, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 227,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.469, 299.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 245) }
```

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

```
.background{ background-color: rgb(231,  
227, 245) }
```

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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