

Converting Colors

CIE LCh(91, 8.323, 293.240)

Have a look what the booklet for
CIELCh(91, 8.323, 293.240) contains.

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Color

CIELCh(91, 8.316, 293.237)

Conversions

Conversions Part 1

Format	Color
Hex	E5E4F4
RGB	229, 228, 244
RGB Percent	90%, 89%, 96%
CMY	0.1029, 0.1068, 0.0441
CMYK	0.06, 0.07, 0.00, 0.04
HSL	244°, 42%, 92%
HSV	244°, 7%, 96%
XYZ	76.1994, 78.4833, 96.5197
YIQ	230.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

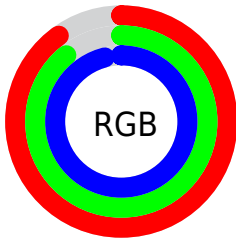
Format	Color
R _Y B	229, 228, 244
Decimal	15066356
CIE Lab	91.00, 3.28, -7.64
CIE LCh	91, 8.316, 293.237
Yxy	78.4833, 0.3033, 0.3124
Android (android.graphics.Color)	4293256436 (0xFFE5E4F4)
YUV	230.1230, 6.8414, -0.9849
Hunter-Lab	88.5908, -1.5012, -2.5829

Details

The CIELCh color **91, 8.316, 293.237** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 8.177, 112.055**, 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, 8.208, 293.519** is the 20% darker color. If you saturate the color by 10%, you get **83, 21.401, 294.263**, and if you desaturate by 10%, it is **99, 4.255, 112.330**.

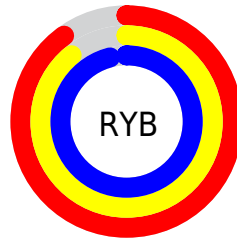
Distribution



Red (90%)

Green (89%)

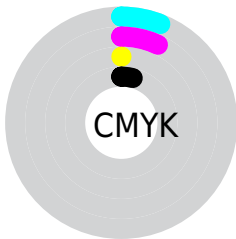
Blue (96%)



Red (90%)

Yellow (89%)

Blue (96%)

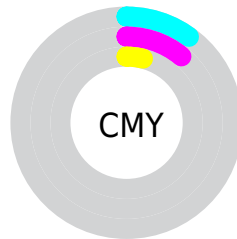


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.316, 293.237 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, 8.316, 293.237 by changing the saturation by 10% instead.

■ 91, 8.316, 293.237

■ 91, 8.316, 293.237

100, 8.316,
293.237

■ 81, 8.316, 293.237

■ 71, 8.316, 293.237

■ 61, 8.316, 293.237

■ 51, 8.316, 293.237

■ 41, 8.316, 293.237

■ 31, 8.316, 293.237

■ 21, 8.316, 293.237

■ 11, 8.316, 293.237

■ 1, 8.316, 293.237

91, 8.316, 293.237

91, 8.316, 293.237

83, 21.401,
294.263

99, 4.255, 112.330

75, 35.043,
295.478

100, 5.693,
109.739

68, 49.265,
296.893

60, 64.051,
298.516

52, 79.266,
300.322

45, 94.505,
302.225

39, 108.814,
304.039

34, 120.471,
305.476

■ 32,127.462,
306.244

Harmonies

Complementary

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



91, 8.316, 293.237



96, 8.177, 112.055

Rectangle

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



91, 8.316, 293.237



91, 8.316, 343.237



91, 8.316, 113.237



91, 8.316, 163.237

Sweetspot

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



91, 8.314, 293.229



98, 2.613, 292.822



95, 5.274, 203.659



52, 1.486, 292.815



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, 8.314, 293.229



94, 10.543, 293.369



92, 8.883, 311.059



47, 7.267, 293.514



22, 105.318, 306.470



3, 40.084, 301.207

Inverse Universe

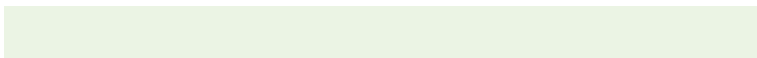
The Inverse Universe completely reimagines the original color for something new.



92, 9.640, 326.498



95, 12.203, 326.587



95, 8.797, 130.534



48, 8.394, 326.675



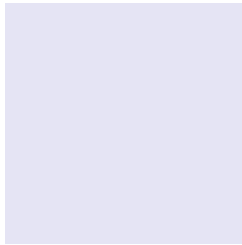
44, 86.876, 330.877



11, 38.877, 330.507

Previews

White Background



This preview shows how the CIELCh color 91, 8.316, 293.237 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, 8.316, 293.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

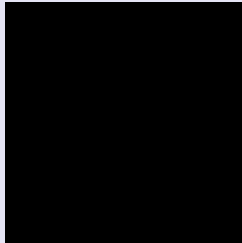
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

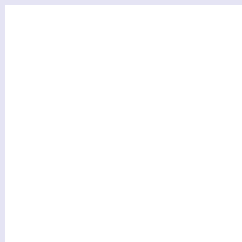
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.316, 293.237

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.316, 293.237.

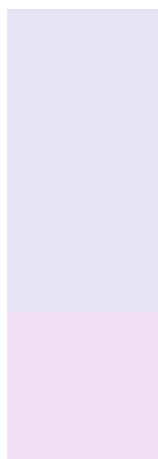


This preview shows how white text looks on a background with the CIELCh color 91, 8.316, 293.237.

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, 8.316, 293.237

Protanopia

91, 8.316, 293.237

Deuteranopia

91, 14.283, 323.747



Tritanopia
91, 9.384, 295.158

Trichromacy



Original Color
91, 8.316, 293.237

Protanomaly
91, 8.316, 293.237

Deuteranomaly
91, 12.009, 315.011

Tritanomaly
91, 9.384, 295.158

Monochromacy



Original Color
91, 8.316, 293.237

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, 8.316, 293.237 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(229, 228, 244)` looks like.

```
.text, #text, p{  
    color:rgb(229, 228, 244)  
}
```

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(229, 228, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 228, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.316, 293.237 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(229, 228, 244) }
```

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

```
.border{ border-color:rgb(229, 228, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 228, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 228, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 228, 244);  
box-shadow:4px 4px 4px 4px rgb(229, 228,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.316, 293.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 228, 244) }
```

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

```
.background{ background-color: rgb(229,  
228, 244) }
```

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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