

Converting Colors

CIELCh(91, 7.310, 296.231)

Have a look what the booklet for
CIELCh(91, 7.310, 296.231) contains.

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Color

CIELCh(91, 7.310, 296.231)

Conversions

Conversions Part 1

Format	Color
Hex	E6E4F2
RGB	230, 228, 242
RGB Percent	90%, 89%, 95%
CMY	0.0992, 0.1071, 0.0522
CMYK	0.05, 0.06, 0.00, 0.05
HSL	249°, 34%, 92%
HSV	249°, 6%, 95%
XYZ	76.1748, 78.4833, 94.8949
YIQ	230.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

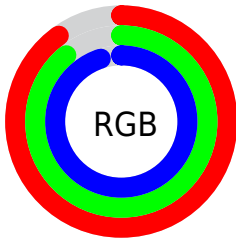
Format	Color
R _Y B	230, 228, 242
Decimal	15131890
CIE Lab	91.00, 3.23, -6.56
CIE LCh	91, 7.310, 296.231
Yxy	78.4833, 0.3052, 0.3145
Android (android.graphics.Color)	4293321970 (0xFFE6E4F2)
YUV	230.1940, 5.8204, -0.1701
Hunter-Lab	88.5908, -1.5508, -1.4955

Details

The CIELCh color **91, 7.310, 296.231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.200, 115.336**, 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, 7.118, 293.816** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.312, 297.100**, and if you desaturate by 10%, it is **99, 5.193, 115.466**.

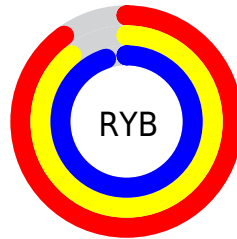
Distribution



Red (90%)

Green (89%)

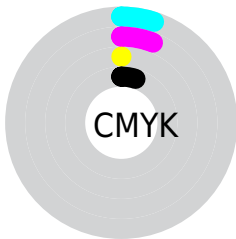
Blue (95%)



Red (90%)

Yellow (89%)

Blue (95%)

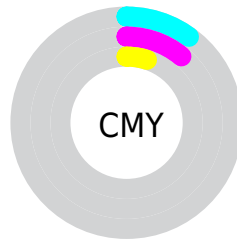


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (10%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 7.310, 296.231 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, 7.310, 296.231 by changing the saturation by 10% instead.

■ 91, 7.310, 296.231

■ 91, 7.310, 296.231

100, 7.310,
296.231

■ 81, 7.310, 296.231

■ 71, 7.310, 296.231

■ 61, 7.310, 296.231

■ 51, 7.310, 296.231

■ 41, 7.310, 296.231

■ 31, 7.310, 296.231

■ 21, 7.310, 296.231

■ 11, 7.310, 296.231

■ 1, 7.310, 296.231

91, 7.310, 296.231

91, 7.310, 296.231

83, 20.312,
297.100

99, 5.193, 115.466

76, 33.846,
298.119

100, 6.736,
109.663

68, 47.921,
299.293

61, 62.502,
300.622

53, 77.440,
302.082

46, 92.346,
303.600

40, 106.372,
305.027

35, 118.023,
306.130

■ 32,125.472,
306.650

Harmonies

Complementary

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



91, 7.310, 296.231



95, 7.200, 115.336

Rectangle

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



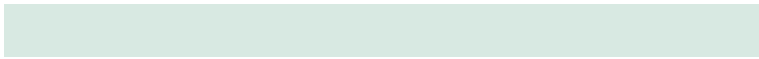
91, 7.310, 296.231



91, 7.310, 346.231



91, 7.310, 116.231



91, 7.310, 166.231

Sweetspot

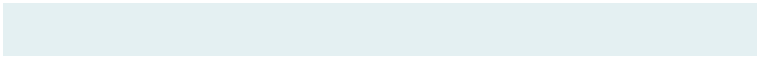
The Sweet Spot groups the original color and five complimentary colors.



91, 7.308, 296.223



98, 2.625, 295.927



94, 4.309, 212.177



52, 1.492, 295.920



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, 7.308, 296.223



94, 9.248, 296.323



92, 7.932, 313.802



47, 5.718, 296.370



23, 103.628, 306.844



3, 38.198, 302.064

Inverse Universe

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



92, 7.984, 328.906



96, 10.091, 328.987



94, 7.871, 133.368



48, 6.234, 329.023



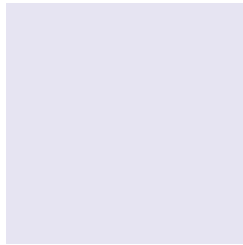
42, 80.767, 334.858



9, 35.803, 333.811

Previews

White Background



This preview shows how the CIELCh color 91, 7.310, 296.231 looks on a white background.

Color Contrast Check

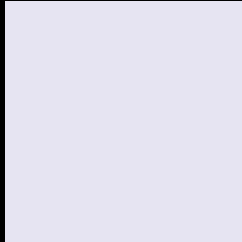
Large Text (above 18pt) WCAG AA × Fail

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 91, 7.310, 296.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

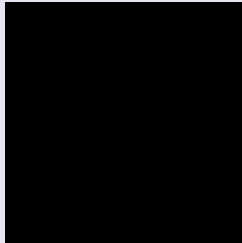
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

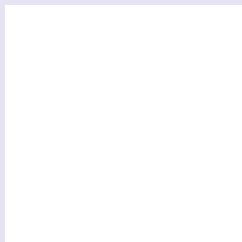
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 7.310, 296.231

Background



This preview shows how black text looks on a background with the CIELCh color 91, 7.310, 296.231.

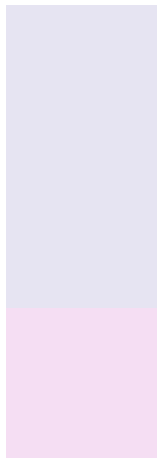


This preview shows how white text looks on a background with the CIELCh color 91, 7.310, 296.231.

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, 7.310, 296.231

Protanopia

91, 7.310, 296.231

Deuteranopia

91, 13.640, 327.398



Tritanopia
91, 9.420, 297.259

Trichromacy



Original Color
91, 7.310, 296.231

Protanomaly
91, 7.310, 296.231

Deuteranomaly
91, 11.236, 318.818

Tritanomaly
91, 8.905, 297.598

Monochromacy



Original Color
91, 7.310, 296.231

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.629, 298.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 7.310, 296.231 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(230, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 242)  
}
```

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(230, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 7.310, 296.231 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(230, 228, 242) }
```

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

```
.border{ border-color:rgb(230, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 7.310, 296.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 228, 242) }
```

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

```
.background{ background-color: rgb(230,  
228, 242) }
```

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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