

Converting Colors

CIELCh(91, 13.832, 310.796)

Have a look what the booklet for
CIELCh(91, 13.832, 310.796)
contains.

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Color

CIELCh(91, 13.923, 311.558)

Conversions

Conversions Part 1

Format	Color
Hex	EEE0F9
RGB	238, 224, 249
RGB Percent	93%, 88%, 98%
CMY	0.0659, 0.1208, 0.0227
CMYK	0.04, 0.10, 0.00, 0.02
HSL	274°, 68%, 93%
HSV	274°, 10%, 98%
XYZ	79.1680, 78.4833, 100.7658
YIQ	231.0360, 0.3190, 10.7430

Conversions

Conversions Part 2

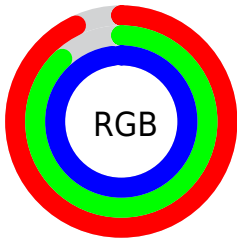
Format	Color
R _Y B	238, 224, 249
Decimal	15655161
CIE Lab	91.00, 9.24, -10.42
CIE LCh	91, 13.923, 311.558
Yxy	78.4833, 0.3064, 0.3037
Android (android.graphics.Color)	4293845241 (0xFFEEE0F9)
YUV	231.0360, 8.8563, 6.1074
Hunter-Lab	88.5908, 4.4802, -5.4246

Details

The CIELCh color `91, 13.923, 311.558` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `96, 13.746, 130.714`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 14.007, 311.042` is the 20% darker color. If you saturate the color by 10%, you get `84, 28.152, 312.027`, and if you desaturate by 10%, it is `98, 0.055, 308.175`.

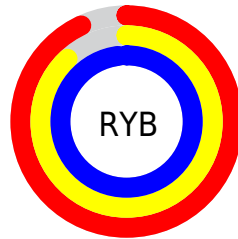
Distribution



Red (93%)

Green (88%)

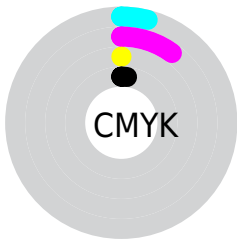
Blue (98%)



Red (93%)

Yellow (88%)

Blue (98%)

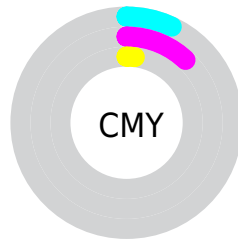


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (7%)


Magenta (12%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 13.923, 311.558 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, 13.923, 311.558 by changing the saturation by 10% instead.


 91, 13.923,
311.558


 91, 13.923,
311.558


 100, 13.923,
311.558


 81, 13.923,
311.558


 71, 13.923,
311.558

 61, 13.923,
311.558

 51, 13.923,
311.558

 41, 13.923,
311.558

 31, 13.923,
311.558

 21, 13.923,

311.558

■ 11, 13.923,
311.558

■ 1, 13.923, 311.558

■ 91, 13.923,
311.558

■ 91, 13.923,
311.558

■ 84, 28.152,
312.027

■ 98, 0.055, 308.175

■ 77, 42.670,
312.517

■ 100, 2.927,
109.933

■ 71, 57.324,
313.011

■ 64, 71.847,
313.479

■ 58, 85.806,
313.874

■ 53, 98.547,
314.125

■ 48, 109.201,
314.141

■ 44, 116.851,
313.819

■ 42, 121.271,
313.139

Harmonies

Complementary

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



91, 13.923, 311.558



96, 13.746, 130.714

Rectangle

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



91, 13.923, 311.558



91, 13.923, 1.558



91, 13.923, 131.558



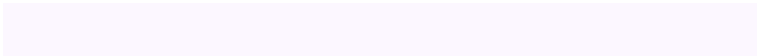
91, 13.923, 181.558

Sweetspot

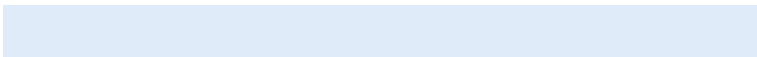
The Sweet Spot groups the original color and five complimentary colors.



91, 13.921, 311.556



98, 4.207, 311.222



93, 8.004, 262.037



52, 3.191, 311.264



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, 13.921, 311.556



91, 17.008, 311.648



92, 15.166, 326.354



48, 7.900, 311.531



31, 98.246, 313.330



6, 43.256, 314.431

Inverse Universe

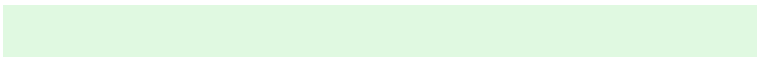
The Inverse Universe completely reimagines the original color for something new.



92, 10.639, 347.861



92, 13.001, 348.058



96, 15.141, 145.220



49, 6.037, 347.808



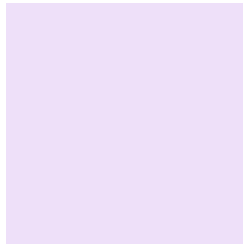
40, 67.339, 7.855



10, 30.629, 1.064

Previews

White Background



This preview shows how the CIELCh color 91, 13.923, 311.558 looks on a white background.

Color Contrast Check

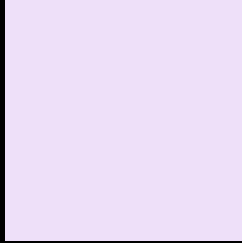
Large Text (above 18pt) WCAG AA × Fail

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, 13.923, 311.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

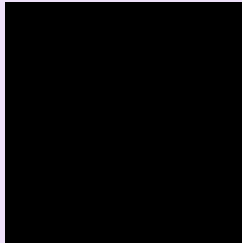
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

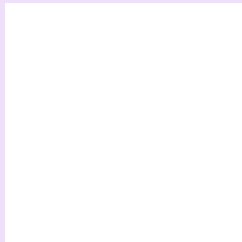
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.923, 311.558

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.923, 311.558.

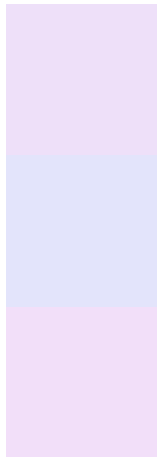


This preview shows how white text looks on a background with the CIELCh color 91, 13.923, 311.558.

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, 13.923, 311.558

Protanopia

91, 11.931, 289.497

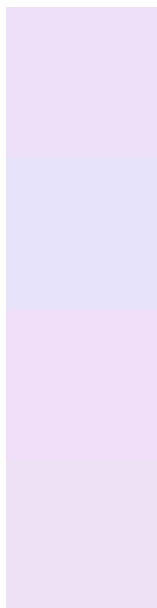
Deuteranopia

91, 15.100, 317.130



Tritanopia
91, 10.296, 314.958

Trichromacy



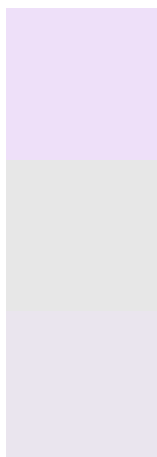
Original Color
91, 13.923, 311.558

Protanomaly
91, 12.039, 297.680

Deuteranomaly
91, 14.950, 315.916

Tritanomaly
91, 11.248, 312.811

Monochromacy



Original Color
91, 13.923, 311.558

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.012, 311.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.923, 311.558 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(238, 224, 249)` looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 249)  
}
```

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(238, 224, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.923, 311.558 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(238, 224, 249) }
```

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

```
.border{ border-color:rgb(238, 224, 249) }
```

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

Here you see how a box with a 4 pixel rgb(238, 224, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.923, 311.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 224, 249) }
```

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

```
.background{ background-color: rgb(238,  
224, 249) }
```

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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