

Converting Colors

CIELCh(91, 12.483, 314.044)

Have a look what the booklet for
CIELCh(91, 12.483, 314.044)
contains.

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Color

CIELCh(91, 12.483, 314.044)

Conversions

Conversions Part 1

Format	Color
Hex	EEE0F6
RGB	238, 224, 246
RGB Percent	93%, 88%, 96%
CMY	0.0649, 0.1198, 0.0335
CMYK	0.03, 0.09, 0.00, 0.03
HSL	278°, 56%, 92%
HSV	278°, 9%, 97%
XYZ	78.8867, 78.4833, 98.5404
YIQ	230.6940, 1.2820, 9.8100

Conversions

Conversions Part 2

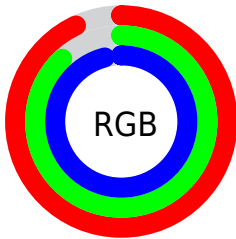
Format	Color
R_{YB}	238, 224, 246
Decimal	15655158
CIE _{Lab}	91.00, 8.68, -8.97
CIE _{LCh}	91, 12.483, 314.044
Yxy	78.4833, 0.3083, 0.3067
Android (android.graphics.Color)	4293845238 (0xFFEEE0F6)
YUV	230.6940, 7.5459, 6.4074
Hunter-Lab	88.5908, 3.9134, -3.9352

Details

The CIELCh color `91, 12.483, 314.044` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `96, 12.362, 133.321`, 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, 12.484, 313.563` is the 20% darker color. If you saturate the color by 10%, you get `84, 26.757, 314.490`, and if you desaturate by 10%, it is `98, 1.466, 133.771`.

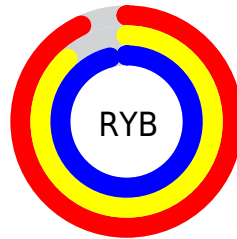
Distribution



Red (93%)

Green (88%)

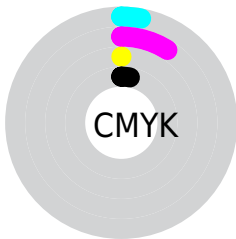
Blue (96%)



Red (93%)

Yellow (88%)

Blue (96%)

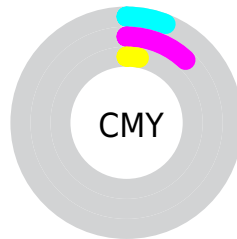


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (6%)


Magenta (12%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 12.483, 314.044 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, 12.483, 314.044 by changing the saturation by 10% instead.


 91, 12.483,
314.044


 91, 12.483,
314.044


 100, 12.483,
314.044


 81, 12.483,
314.044


 71, 12.483,
314.044

 61, 12.483,
314.044

 51, 12.483,
314.044

 41, 12.483,
314.044

 31, 12.483,
314.044

 21, 12.483,

314.044

■ 11, 12.483,
314.044

■ 1, 12.483, 314.044

■ 91, 12.483,
314.044

■ 91, 12.483,
314.044

■ 84, 26.757,
314.490

■ 98, 1.466, 133.771

■ 78, 41.266,
314.946

■ 100, 4.325,
109.837

■ 71, 55.835,
315.394

■ 65, 70.177,
315.807

■ 59, 83.846,
316.139

■ 54, 96.205,
316.332

■ 50, 106.452,
316.307

■ 47, 113.786,
315.982

■ 44, 117.934,
315.321

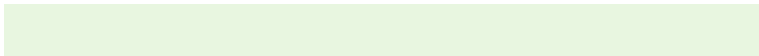
Harmonies

Complementary

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



91, 12.483, 314.044



96, 12.362, 133.321

Rectangle

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



91, 12.483, 314.044



91, 12.483, 4.044



91, 12.483, 134.044



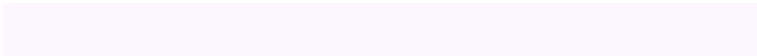
91, 12.483, 184.044

Sweetspot

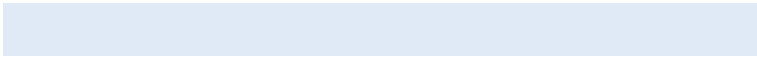
The Sweet Spot groups the original color and five complimentary colors.



91, 12.481, 314.042



98, 4.285, 313.763



92, 7.675, 269.595



52, 3.250, 313.805



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, 12.481, 314.042



92, 15.846, 314.135



92, 12.617, 328.810



48, 7.906, 314.067



33, 95.707, 315.428



6, 41.651, 316.601

Inverse Universe

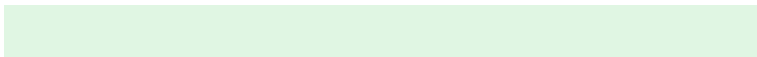
The Inverse Universe completely reimagines the original color for something new.



91, 8.946, 352.477



93, 11.371, 352.697



95, 12.587, 147.775



48, 5.669, 352.536



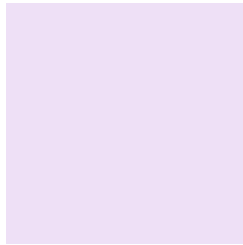
39, 67.529, 15.205



9, 29.616, 6.813

Previews

White Background



This preview shows how the CIE LCh color 91, 12.483, 314.044 looks on a white background.

Color Contrast Check

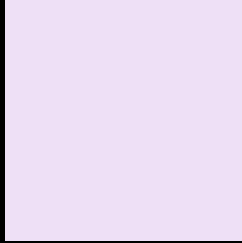
Large Text (above 18pt) WCAG AA × Fail

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, 12.483, 314.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

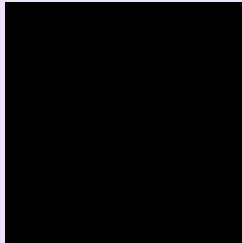
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

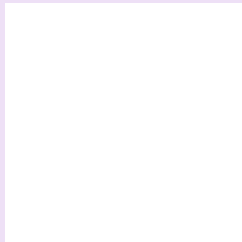
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.483, 314.044

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.483, 314.044.



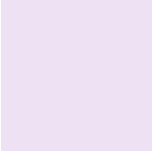
This preview shows how white text looks on a background with the CIELCh color 91, 12.483, 314.044.

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





Tritanopia
91, 10.446, 316.725

Trichromacy



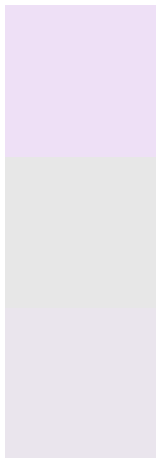
Original Color
91, 12.483, 314.044

Protanomaly
91, 10.550, 300.432

Deuteranomaly
91, 13.393, 317.340

Tritanomaly
91, 10.913, 315.538

Monochromacy



Original Color
91, 12.483, 314.044

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.532, 313.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.483, 314.044 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.483, 314.044 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, 246) }
```

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

```
.border{ border-color:rgb(238, 224, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 246);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.483, 314.044 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, 246) }
```

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

```
.background{ background-color: rgb(238,  
224, 246) }
```

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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