

Converting Colors

CIELCh(91, 16.064, 298.518)

Have a look what the booklet for
CIELCh(91, 16.064, 298.518)
contains.

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Color

CIELCh(91, 15.183, 297.804)

Conversions

Conversions Part 1

Format	Color
Hex	E7E2FF
RGB	231, 226, 255
RGB Percent	91%, 89%, 100%
CMY	0.0947, 0.1143, 0.0006
CMYK	0.09, 0.11, 0.00, 0.00
HSL	250°, 99%, 94%
HSV	250°, 11%, 100%
XYZ	78.0855, 78.4833, 105.5096
YIQ	230.8010, -6.3290, 10.0790

Conversions

Conversions Part 2

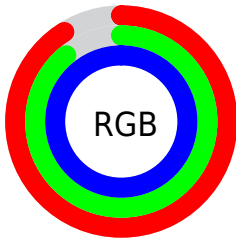
Format	Color
R _Y B	231, 226, 255
Decimal	15196927
CIE Lab	91.00, 7.08, -13.43
CIE LCh	91, 15.183, 297.804
Yxy	78.4833, 0.2979, 0.2995
Android (android.graphics.Color)	4293387007 (0xFFE7E2FF)
YUV	230.8010, 11.9301, 0.1745
Hunter-Lab	88.5908, 2.2991, -8.5995

Details

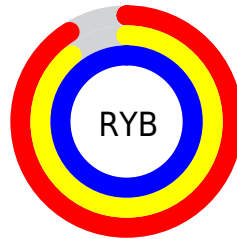
The CIELCh color `91, 15.183, 297.804` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `99, 14.804, 116.107`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 14.858, 297.088` is the 20% darker color. If you saturate the color by 10%, you get `83, 29.086, 298.704`, and if you desaturate by 10%, it is `99, 1.812, 297.022`.

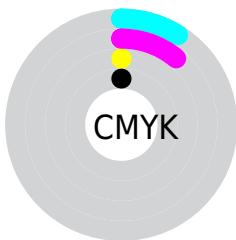
Distribution



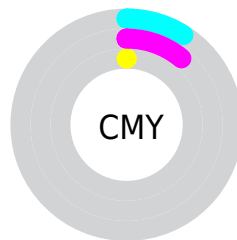
- Red (91%)
- Green (89%)
- Blue (100%)



- Red (91%)
- Yellow (89%)
- Blue (100%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (11%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 15.183, 297.804 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, 15.183, 297.804 by changing the saturation by 10% instead.


 91, 15.183,
297.804


 91, 15.183,
297.804


 100, 15.183,
297.804


 81, 15.183,
297.804

 71, 15.183,
297.804

 61, 15.183,
297.804

 51, 15.183,
297.804

 41, 15.183,
297.804

 31, 15.183,
297.804

 21, 15.183,

297.804

■ 11, 15.183,
297.804

■ 1, 15.183, 297.804

■ 91, 15.183,
297.804

■ 91, 15.183,
297.804

■ 83, 29.086,
298.704

■ 99, 1.812, 297.022

■ 75, 43.544,
299.745

100, 0.067,
109.015

■ 67, 58.534,
300.926

■ 60, 73.954,
302.236

■ 52, 89.513,
303.623

■ 46, 104.558,
304.981

■ 40, 117.852,
306.118

■ 36, 127.598,
306.787

■ 33, 132.400,
306.926

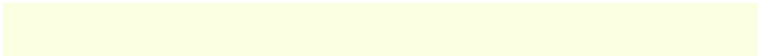
Harmonies

Complementary

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



91, 15.183, 297.804



99, 14.804, 116.107

Rectangle

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



91, 15.183, 297.804



91, 15.183, 347.804



91, 15.183, 117.804



91, 15.183, 167.804

Sweetspot

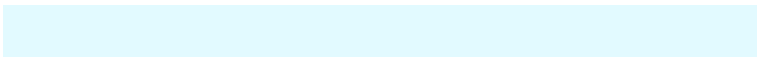
The Sweet Spot groups the original color and five complimentary colors.



91, 15.181, 297.801



98, 3.949, 297.141



97, 8.510, 215.921



52, 2.996, 297.200



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, 15.181, 297.801



89, 18.785, 298.025



92, 16.508, 315.136



49, 7.563, 297.646



24, 106.528, 307.026



4, 44.503, 305.023

Inverse Universe

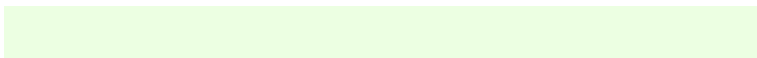
The Inverse Universe completely reimagines the original color for something new.



93, 16.096, 330.258



91, 19.846, 330.427



98, 16.337, 134.189



50, 8.039, 330.136



44, 81.357, 336.541



12, 38.026, 335.372

Previews

White Background



This preview shows how the CIE LCh color 91, 15.183, 297.804 looks on a white background.

Color Contrast Check

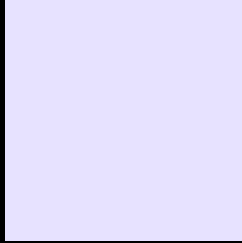
Large Text (above 18pt) WCAG AA × Fail

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, 15.183, 297.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

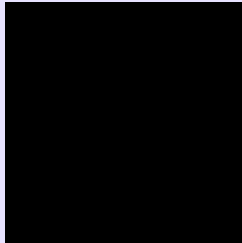
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 15.183, 297.804

Background



This preview shows how black text looks on a background with the CIELCh color 91, 15.183, 297.804.

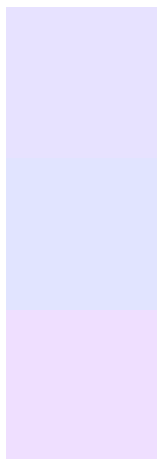


This preview shows how white text looks on a background with the CIELCh color 91, 15.183, 297.804.

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, 15.183, 297.804

Protanopia

91, 14.024, 287.155

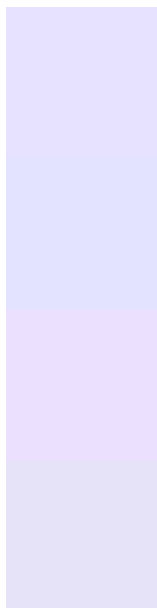
Deuteranopia

91, 17.581, 309.636



Tritanopia
91, 9.384, 295.158

Trichromacy



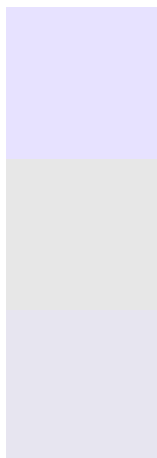
Original Color
91, 15.183, 297.804

Protanomaly
91, 14.534, 291.341

Deuteranomaly
91, 16.681, 305.669

Tritanomaly
91, 11.484, 296.242

Monochromacy



Original Color
91, 15.183, 297.804

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 5.760, 297.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 15.183, 297.804 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, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 255)  
}
```

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, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 15.183, 297.804 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, 226, 255) }
```

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

```
.border{ border-color:rgb(231, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 226, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 226, 255); box-shadow:4px 4px 4px 4px rgb(231, 226, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 15.183, 297.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 255) }
```

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

```
.background{ background-color: rgb(231,  
226, 255) }
```

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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