

Converting Colors

CIELCh(91, 16.159, 300.719)

Have a look what the booklet for
CIELCh(91, 16.159, 300.719)
contains.

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Color

CIELCh(91, 15.864, 301.303)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1FF
RGB	233, 225, 255
RGB Percent	91%, 88%, 100%
CMY	0.0858, 0.1172, 0.0000
CMYK	0.09, 0.12, 0.00, 0.00
HSL	256°, 100%, 94%
HSV	256°, 12%, 100%
XYZ	78.6673, 78.4833, 105.7090
YIQ	230.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

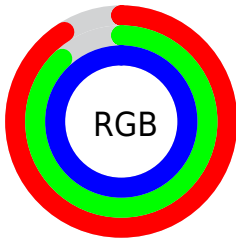
Format	Color
R _Y B	233, 225, 255
Decimal	15327743
CIE Lab	91.00, 8.24, -13.55
CIE LCh	91, 15.864, 301.303
Yxy	78.4833, 0.2993, 0.2986
Android (android.graphics.Color)	4293517823 (0xFFE9E1FF)
YUV	230.8120, 11.9247, 1.9189
Hunter-Lab	88.5908, 3.4714, -8.7329

Details

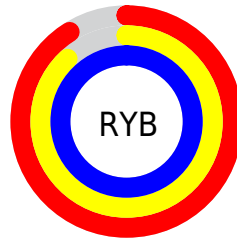
The CIELCh color **91, 15.864, 301.303** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **99, 15.430, 119.871**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 15.561, 300.853** is the 20% darker color. If you saturate the color by 10%, you get **83, 29.826, 302.087**, and if you desaturate by 10%, it is **99, 2.283, 300.665**.

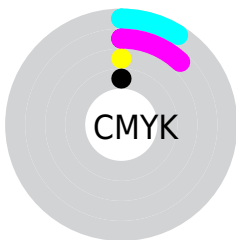
Distribution



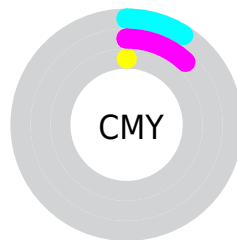
- Red (91%)
- Green (88%)
- Blue (100%)



- Red (91%)
- Yellow (88%)
- Blue (100%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (12%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 15.864, 301.303 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, 15.864, 301.303 by changing the saturation by 10% instead.


 91, 15.864,
301.303


 91, 15.864,
301.303


 100, 15.864,
301.303


 81, 15.864,
301.303


 71, 15.864,
301.303

 61, 15.864,
301.303

 51, 15.864,
301.303

 41, 15.864,
301.303

 31, 15.864,
301.303

 21, 15.864,

301.303

■ 11, 15.864,
301.303

■ 1, 15.864, 301.303

■ 91, 15.864,
301.303

■ 91, 15.864,
301.303

■ 83, 29.826,
302.087

■ 99, 2.283, 300.665

■ 76, 44.351,
302.936

100, 0.012,
296.813

■ 68, 59.326,
303.880

■ 61, 74.602,
304.896

■ 53, 89.839,
305.934

■ 47, 104.366,
306.894

■ 41, 117.028,
307.618

■ 37, 126.270,
307.901

■ 35, 130.840,
307.769

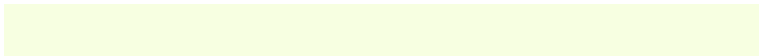
Harmonies

Complementary

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



91, 15.864, 301.303



99, 15.430, 119.871

Rectangle

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



91, 15.864, 301.303



91, 15.864, 351.303



91, 15.864, 121.303



91, 15.864, 171.303

Sweetspot

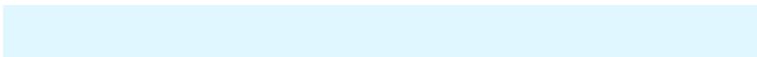
The Sweet Spot groups the original color and five complimentary colors.



91, 15.801, 301.336



97, 5.325, 300.817



96, 8.393, 228.259



51, 3.788, 300.866



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, 15.801, 301.336



89, 18.957, 301.499



92, 17.462, 318.302



49, 7.637, 301.182



25, 105.178, 307.911



4, 44.692, 306.968

Inverse Universe

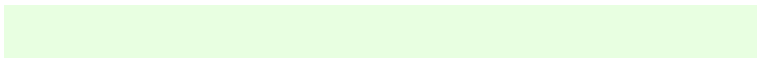
The Inverse Universe completely reimagines the original color for something new.



93, 15.506, 333.773



91, 18.553, 333.936



98, 17.334, 137.279



50, 7.512, 333.615



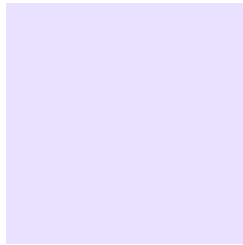
43, 75.917, 342.612



11, 35.719, 340.434

Previews

White Background



This preview shows how the CIE LCh color 91, 15.864, 301.303 looks on a white background.

Color Contrast Check

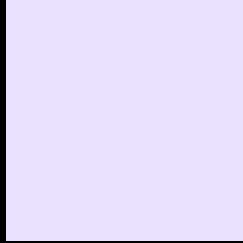
Large Text (above 18pt) WCAG AA × Fail

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, 15.864, 301.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

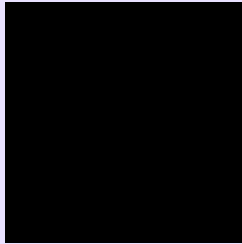
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 15.864, 301.303

Background



This preview shows how black text looks on a background with the CIELCh color 91, 15.864, 301.303.

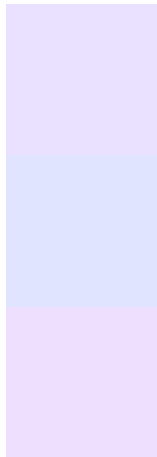


This preview shows how white text looks on a background with the CIELCh color 91, 15.864, 301.303.

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

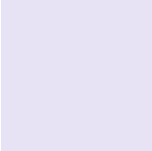
91, 15.864, 301.303

Protanopia

91, 14.024, 287.155

Deuteranopia

91, 17.581, 309.636



Tritanopia
91, 9.469, 299.344

Trichromacy



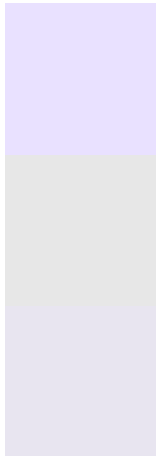
Original Color
91, 15.864, 301.303

Protanomaly
91, 14.543, 292.675

Deuteranomaly
91, 16.770, 306.810

Tritanomaly
91, 12.154, 300.913

Monochromacy



Original Color
91, 15.864, 301.303

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 5.817, 301.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 15.864, 301.303 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(233, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 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(233, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 15.864, 301.303 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(233, 225, 255) }
```

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

```
.border{ border-color:rgb(233, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 15.864, 301.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 255) }
```

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

```
.background{ background-color: rgb(233,  
225, 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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