

Converting Colors

CIELCh(91, 16.590, 307.296)

Have a look what the booklet for
CIELCh(91, 16.590, 307.296)
contains.

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Color

CIELCh(91, 16.272, 307.283)

Conversions

Conversions Part 1

Format	Color
Hex	EDE0FE
RGB	237, 224, 254
RGB Percent	93%, 88%, 100%
CMY	0.0705, 0.1215, 0.0039
CMYK	0.07, 0.12, 0.00, 0.00
HSL	266°, 94%, 94%
HSV	266°, 12%, 100%
XYZ	79.4817, 78.4833, 104.7387
YIQ	231.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

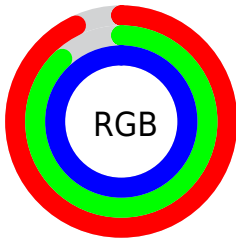
Format	Color
R _Y B	237, 224, 254
Decimal	15589630
CIE Lab	91.00, 9.86, -12.95
CIE LCh	91, 16.272, 307.283
Yxy	78.4833, 0.3026, 0.2988
Android (android.graphics.Color)	4293779710 (0xFFE0FE)
YUV	231.3070, 11.1876, 4.9928
Hunter-Lab	88.5908, 5.1124, -8.0835

Details

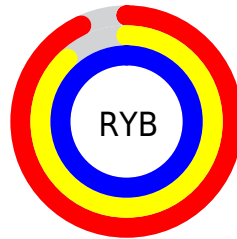
The CIELCh color `91, 16.272, 307.283` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 15.965, 126.146`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 15.972, 307.235` is the 20% darker color. If you saturate the color by 10%, you get `84, 30.508, 307.838`, and if you desaturate by 10%, it is `98, 2.462, 306.742`.

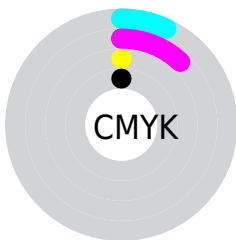
Distribution



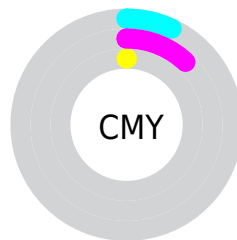
- Red (93%)
- Green (88%)
- Blue (100%)



- Red (93%)
- Yellow (88%)
- Blue (100%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (12%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 16.272, 307.283 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, 16.272, 307.283 by changing the saturation by 10% instead.


 91, 16.272,
307.283


 91, 16.272,
307.283


 100, 16.272,
307.283


 81, 16.272,
307.283


 71, 16.272,
307.283

 61, 16.272,
307.283

 51, 16.272,
307.283

 41, 16.272,
307.283

 31, 16.272,
307.283

 21, 16.272,

307.283

■ 11, 16.272,
307.283

■ 1, 16.272, 307.283

■ 91, 16.272,
307.283

■ 91, 16.272,
307.283

■ 84, 30.508,
307.838

■ 98, 2.462, 306.742

■ 76, 45.128,
308.442

100, 0.487,
109.983

■ 69, 60.013,
309.077

■ 62, 74.933,
309.715

■ 56, 89.472,
310.302

■ 50, 102.935,
310.753

■ 45, 114.311,
310.947

■ 41, 122.439,
310.744

■ 39, 126.490,
310.274

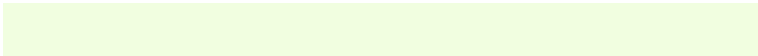
Harmonies

Complementary

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



91, 16.272, 307.283



98, 15.965, 126.146

Rectangle

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



91, 16.272, 307.283



91, 16.272, 357.283



91, 16.272, 127.283



91, 16.272, 177.283

Sweetspot

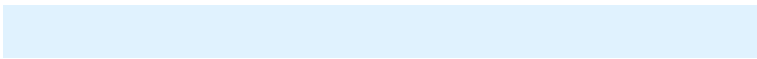
The Sweet Spot groups the original color and five complimentary colors.



91, 16.270, 307.281



97, 5.466, 306.872



94, 8.646, 247.369



51, 3.888, 306.912



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, 16.270, 307.281



90, 19.414, 307.399



92, 18.307, 322.755



49, 7.830, 307.159



28, 101.973, 310.461



6, 44.918, 311.068

Inverse Universe

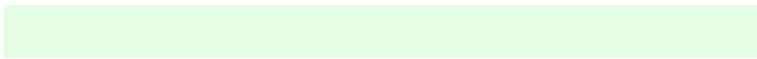
The Inverse Universe completely reimagines the original color for something new.



92, 13.863, 341.133



91, 16.521, 341.325



97, 18.250, 141.555



50, 6.680, 340.934



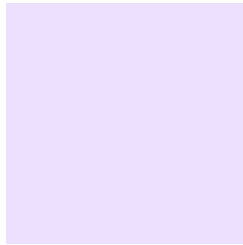
42, 69.431, 355.916



11, 32.652, 351.372

Previews

White Background



This preview shows how the CIELCh color 91, 16.272, 307.283 looks on a white background.

Color Contrast Check

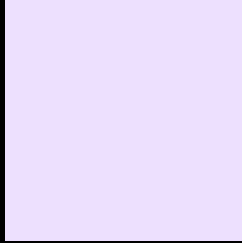
Large Text (above 18pt) WCAG AA × Fail

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, 16.272, 307.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

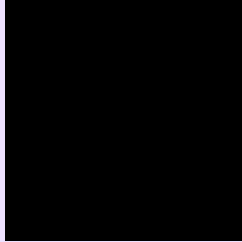
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

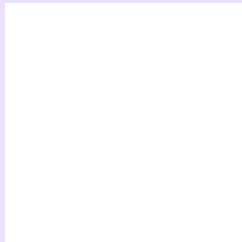
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 16.272, 307.283

Background



This preview shows how black text looks on a background with the CIELCh color 91, 16.272, 307.283.

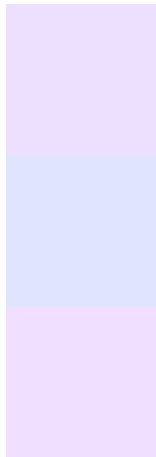


This preview shows how white text looks on a background with the CIELCh color 91, 16.272, 307.283.

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, 16.272, 307.283

Protanopia

91, 14.024, 287.155

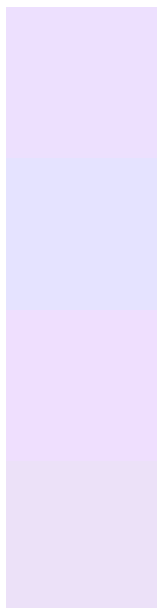
Deuteranopia

91, 17.206, 311.268



Tritanopia
91, 9.900, 309.384

Trichromacy



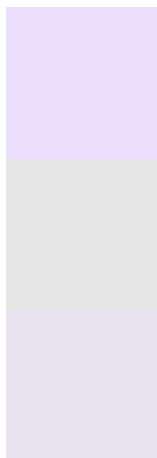
Original Color
91, 16.272, 307.283

Protanomaly
91, 14.560, 294.009

Deuteranomaly
91, 17.091, 310.172

Tritanomaly
91, 12.589, 308.723

Monochromacy



Original Color
91, 16.272, 307.283

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 5.996, 307.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 16.272, 307.283 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(237, 224, 254)` looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 254)  
}
```

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(237, 224, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 16.272, 307.283 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(237, 224, 254) }
```

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

```
.border{ border-color:rgb(237, 224, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 224, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 224, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 224, 254);  
box-shadow:4px 4px 4px 4px rgb(237, 224,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 16.272, 307.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 224, 254) }
```

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

```
.background{ background-color: rgb(237,  
224, 254) }
```

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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