

Converting Colors

CIELCh(91, 16.690, 308.451)

Have a look what the booklet for
CIELCh(91, 16.690, 308.451)
contains.

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Color

CIELCh(91, 16.371, 308.448)

Conversions

Conversions Part 1

Format	Color
Hex	EEE0FE
RGB	238, 224, 254
RGB Percent	93%, 88%, 100%
CMY	0.0675, 0.1224, 0.0047
CMYK	0.06, 0.12, 0.00, 0.00
HSL	268°, 93%, 94%
HSV	268°, 12%, 100%
XYZ	79.6452, 78.4833, 104.5390
YIQ	231.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

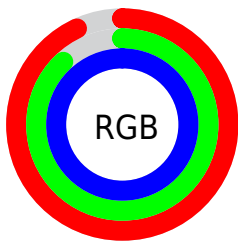
Format	Color
R_{YB}	238, 224, 254
Decimal	15655166
CIE _{Lab}	91.00, 10.18, -12.82
CIE _{LCh}	91, 16.371, 308.448
Yxy	78.4833, 0.3032, 0.2988
Android (android.graphics.Color)	4293845246 (0xFFEEE0FE)
YUV	231.6060, 11.0402, 5.6075
Hunter-Lab	88.5908, 5.4418, -7.9499

Details

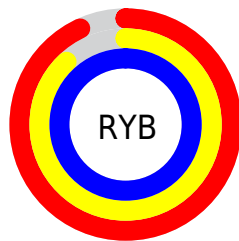
The CIELCh color `91, 16.371, 308.448` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 16.080, 127.355`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 16.073, 308.478` is the 20% darker color. If you saturate the color by 10%, you get `84, 30.663, 308.976`, and if you desaturate by 10%, it is `98, 2.487, 307.924`.

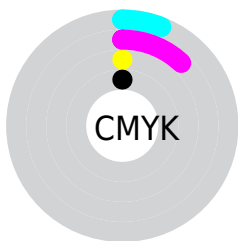
Distribution



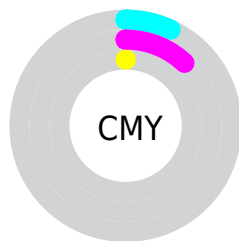
- Red (93%)
- Green (88%)
- Blue (100%)



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



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 16.371, 308.448 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, 16.371, 308.448 by changing the saturation by 10% instead.


 91, 16.371,
308.448


 91, 16.371,
308.448


 100, 16.371,
308.448


 81, 16.371,
308.448


 71, 16.371,
308.448

 61, 16.371,
308.448

 51, 16.371,
308.448

 41, 16.371,
308.448

 31, 16.371,
308.448

 21, 16.371,

308.448

■ 11, 16.371,
308.448

■ 1, 16.371, 308.448

■ 91, 16.371,
308.448

■ 91, 16.371,
308.448

■ 84, 30.663,
308.976

■ 98, 2.487, 307.924

■ 77, 45.310,
309.544

100, 0.603,
110.004

■ 70, 60.180,
310.135

■ 63, 75.027,
310.717

■ 56, 89.416,
311.237

■ 51, 102.650,
311.613

■ 46, 113.743,
311.731

■ 42, 121.607,
311.461

■ 40, 125.506,
310.947

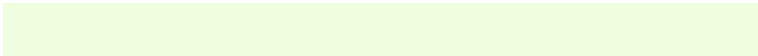
Harmonies

Complementary

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



91, 16.371, 308.448



98, 16.080, 127.355

Rectangle

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



91, 16.371, 308.448



91, 16.371, 358.448



91, 16.371, 128.448



91, 16.371, 178.448

Sweetspot

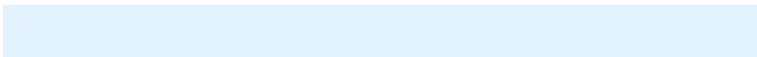
The Sweet Spot groups the original color and five complimentary colors.



91, 16.369, 308.446



97, 5.502, 308.052



94, 8.817, 251.370



51, 3.913, 308.091



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, 16.369, 308.446



90, 19.530, 308.558



92, 18.490, 323.698



49, 7.879, 308.329



29, 101.256, 311.138



6, 44.920, 311.965

Inverse Universe

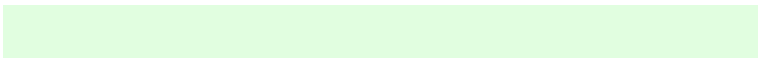
The Inverse Universe completely reimagines the original color for something new.



92, 13.551, 342.838



91, 16.152, 343.036



97, 18.448, 142.445



50, 6.528, 342.630



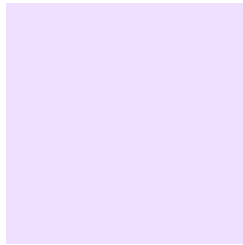
41, 68.722, 358.968



11, 32.223, 353.895

Previews

White Background



This preview shows how the CIELCh color 91, 16.371, 308.448 looks on a white background.

Color Contrast Check

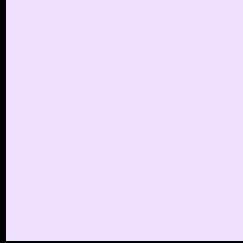
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 16.371, 308.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

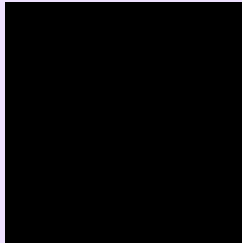
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

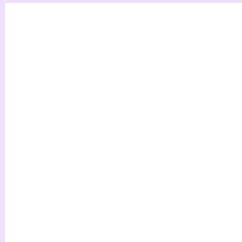
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 16.371, 308.448

Background



This preview shows how black text looks on a background with the CIELCh color 91, 16.371, 308.448.

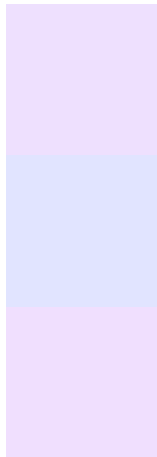


This preview shows how white text looks on a background with the CIELCh color 91, 16.371, 308.448.

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

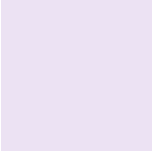
91, 16.371, 308.448

Protanopia

91, 14.024, 287.155

Deuteranopia

91, 17.206, 311.268



Tritanopia
91, 9.536, 312.366

Trichromacy



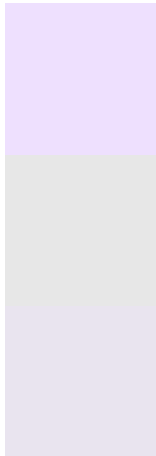
Original Color
91, 16.371, 308.448

Protanomaly
91, 15.145, 296.524

Deuteranomaly
91, 17.091, 310.172

Tritanomaly
91, 12.214, 311.014

Monochromacy



Original Color
91, 16.371, 308.448

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, 16.371, 308.448 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 224, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 16.371, 308.448 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, 254) }
```

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

```
.border{ border-color:rgb(238, 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(238, 224, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 254);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 16.371, 308.448 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, 254) }
```

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

```
.background{ background-color: rgb(238,  
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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