

Converting Colors

CIELCh(91, 16.487, 311.270)

Have a look what the booklet for
CIELCh(91, 16.487, 311.270)
contains.

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Color

CIELCh(91, 16.721, 311.867)

Conversions

Conversions Part 1

Format	Color
Hex	F0DFFD
RGB	240, 223, 253
RGB Percent	94%, 87%, 99%
CMY	0.0584, 0.1250, 0.0074
CMYK	0.05, 0.12, 0.00, 0.01
HSL	274°, 89%, 93%
HSV	274°, 12%, 99%
XYZ	80.1430, 78.4833, 103.9531
YIQ	231.5030, 0.5020, 12.9340

Conversions

Conversions Part 2

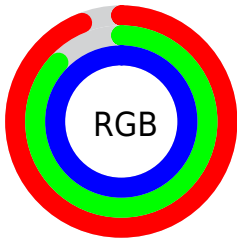
Format	Color
R _Y B	240, 223, 253
Decimal	15785981
CIE Lab	91.00, 11.16, -12.45
CIE LCh	91, 16.721, 311.867
Yxy	78.4833, 0.3052, 0.2989
Android (android.graphics.Color)	4293976061 (0xFFF0DFFD)
YUV	231.5030, 10.5980, 7.4519
Hunter-Lab	88.5908, 6.4448, -7.5578

Details

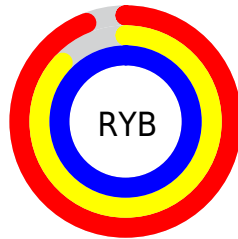
The CIELCh color `91, 16.721, 311.867` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 16.482, 130.858`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 16.437, 312.129` is the 20% darker color. If you saturate the color by 10%, you get `84, 31.208, 312.337`, and if you desaturate by 10%, it is `98, 2.585, 311.375`.

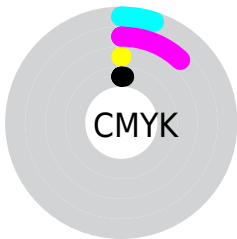
Distribution



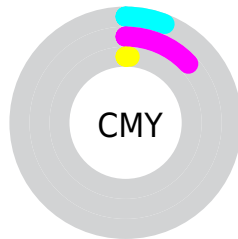
- Red (94%)
- Green (87%)
- Blue (99%)



- Red (94%)
- Yellow (87%)
- Blue (99%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)





- Cyan (6%)
- Magenta (13%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 16.721, 311.867 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, 16.721, 311.867 by changing the saturation by 10% instead.


 91, 16.721,
311.867


 91, 16.721,
311.867


 100, 16.721,
311.867


 81, 16.721,
311.867


 71, 16.721,
311.867

 61, 16.721,
311.867

 51, 16.721,
311.867

 41, 16.721,
311.867

 31, 16.721,
311.867

 21, 16.721,

311.867

■ 11, 16.721,
311.867

■ 1, 16.721, 311.867

■ 91, 16.721,
311.867

■ 91, 16.721,
311.867

■ 84, 31.208,
312.337

■ 98, 2.585, 311.375

■ 77, 45.961,
312.826

100, 0.942,
110.025

■ 70, 60.801,
313.313

■ 64, 75.431,
313.765

■ 58, 89.366,
314.131

■ 53, 101.900,
314.338

■ 48, 112.127,
314.290

■ 45, 119.162,
313.888

■ 43, 122.542,
313.303

Harmonies

Complementary

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



91, 16.721, 311.867



97, 16.482, 130.858

Rectangle

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



91, 16.721, 311.867



91, 16.721, 1.867



91, 16.721, 131.867



91, 16.721, 181.867

Sweetspot

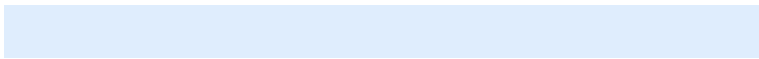
The Sweet Spot groups the original color and five complimentary colors.



91, 16.719, 311.865



97, 5.622, 311.500



93, 9.574, 262.302



51, 3.999, 311.537



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, 16.719, 311.865



90, 19.923, 311.965



92, 18.162, 326.461



49, 8.044, 311.758



32, 99.100, 313.492



7, 44.777, 314.730

Inverse Universe

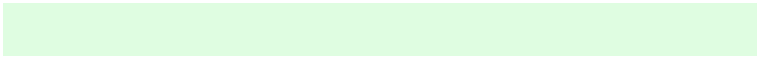
The Inverse Universe completely reimagines the original color for something new.



92, 12.707, 348.441



91, 15.146, 348.658



97, 18.136, 145.094



50, 6.112, 348.207



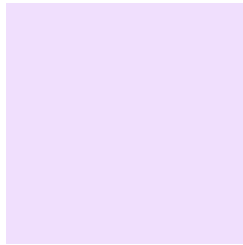
41, 68.043, 8.558



10, 31.404, 1.972

Previews

White Background



This preview shows how the CIELCh color 91, 16.721, 311.867 looks on a white background.

Color Contrast Check

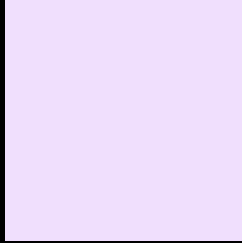
Large Text (above 18pt) WCAG AA × Fail

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, 16.721, 311.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

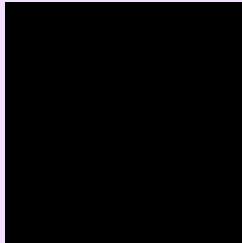
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 16.721, 311.867

Background



This preview shows how black text looks on a background with the CIELCh color 91, 16.721, 311.867.

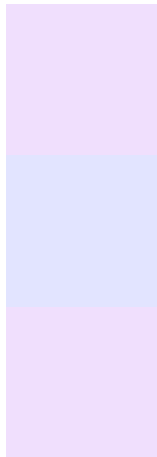


This preview shows how white text looks on a background with the CIELCh color 91, 16.721, 311.867.

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

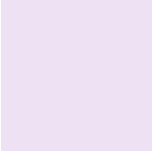
91, 16.721, 311.867

Protanopia

91, 14.010, 288.531

Deuteranopia

91, 16.721, 311.867



Tritanopia
91, 10.446, 316.725

Trichromacy



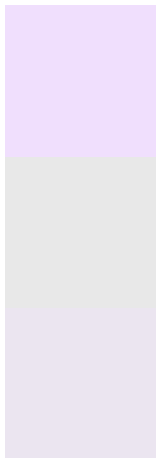
Original Color
91, 16.721, 311.867

Protanomaly
91, 14.668, 298.003

Deuteranomaly
91, 16.721, 311.867

Tritanomaly
91, 13.096, 314.575

Monochromacy



Original Color
91, 16.721, 311.867

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.107, 310.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 16.721, 311.867 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(240, 223, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 253)  
}
```

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(240, 223, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 16.721, 311.867 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(240, 223, 253) }
```

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

```
.border{ border-color:rgb(240, 223, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 16.721, 311.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 253) }
```

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

```
.background{ background-color: rgb(240,  
223, 253) }
```

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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