

Converting Colors

CIELCh(92, 42.116, 300.014)

Have a look what the booklet for
CIELCh(92, 42.116, 300.014)
contains.

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Color

CIELCh(91, 17.985, 308.084)

Conversions

Conversions Part 1

Format	Color
Hex	EEDFFF
RGB	238, 223, 255
RGB Percent	93%, 87%, 100%
CMY	0.0654, 0.1242, 0.0000
CMYK	0.07, 0.12, 0.00, 0.00
HSL	268°, 100%, 94%
HSV	268°, 12%, 100%
XYZ	80.1093, 78.4833, 106.6751
YIQ	231.1330, -1.3320, 13.1320

Conversions

Conversions Part 2

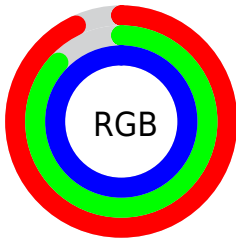
Format	Color
R _Y B	238, 223, 255
Decimal	15654911
CIE Lab	91.00, 11.09, -14.16
CIE LCh	91, 17.985, 308.084
Yxy	78.4833, 0.3020, 0.2959
Android (android.graphics.Color)	4293844991 (0xFFEEDFFF)
YUV	231.1330, 11.7664, 6.0224
Hunter-Lab	88.5908, 6.3769, -9.3794

Details

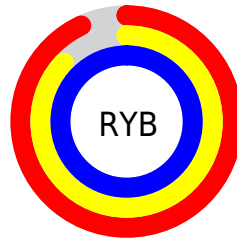
The CIELCh color `91, 17.985, 308.084` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 17.001, 127.587`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 17.236, 308.608` is the 20% darker color. If you saturate the color by 10%, you get `84, 31.704, 309.257`, and if you desaturate by 10%, it is `98, 3.336, 308.221`.

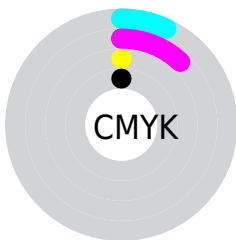
Distribution



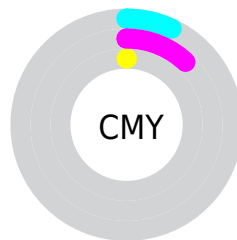
- Red (93%)
- Green (87%)
- Blue (100%)



- Red (93%)
- Yellow (87%)
- 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, 17.985, 308.084 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, 17.985, 308.084 by changing the saturation by 10% instead.


 91, 17.985,
308.084


 91, 17.985,
308.084


 100, 17.985,
308.084


 81, 17.985,
308.084


 71, 17.985,
308.084

 61, 17.985,
308.084

 51, 17.985,
308.084

 41, 17.985,
308.084

 31, 17.985,
308.084

 21, 17.985,

308.084

■ 11, 17.985,
308.084

■ 1, 17.985, 308.084

■ 91, 17.985,
308.084

■ 91, 17.985,
308.084

■ 84, 31.704,
309.257

■ 98, 3.336, 308.221

■ 77, 46.434,
309.820

100, 0.012,
296.813

■ 70, 61.368,
310.402

■ 63, 76.244,
310.971

■ 56, 90.609,
311.471

■ 51, 103.742,
311.820

■ 46, 114.644,
311.902

■ 42, 122.249,
311.591

■ 40, 125.764,
311.099

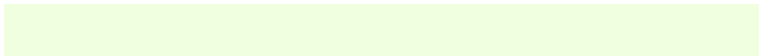
Harmonies

Complementary

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



91, 17.985, 308.084



98, 17.001, 127.587

Rectangle

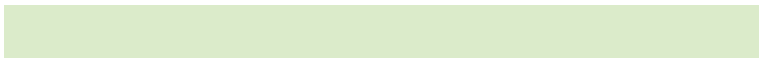
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 17.985, 308.084



91, 17.985, 358.084



91, 17.985, 128.084



91, 17.985, 178.084

Sweetspot

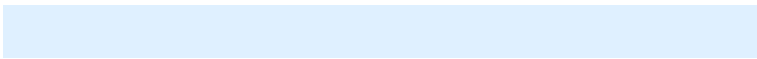
The Sweet Spot groups the original color and five complimentary colors.



91, 17.316, 308.730



97, 5.510, 308.308



94, 9.408, 253.395



51, 3.919, 308.347



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, 17.316, 308.730



89, 20.984, 308.862



92, 19.622, 324.196



49, 7.890, 308.583



29, 101.098, 311.293



6, 44.918, 312.163

Inverse Universe

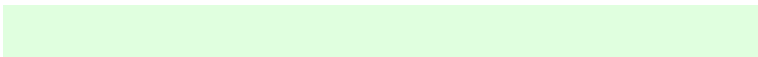
The Inverse Universe completely reimagines the original color for something new.



92, 14.242, 343.276



90, 17.239, 343.513



97, 19.584, 142.842



50, 6.496, 343.011



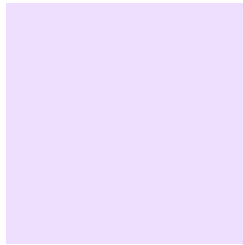
41, 68.598, 359.648



11, 32.139, 354.459

Previews

White Background



This preview shows how the CIELCh color 91, 17.985, 308.084 looks on a white background.

Color Contrast Check

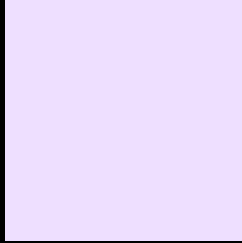
Large Text (above 18pt) WCAG AA × Fail

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, 17.985, 308.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

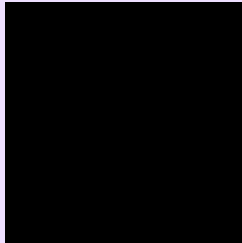
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

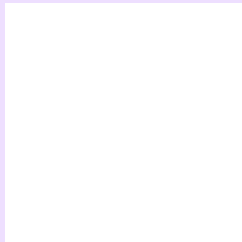
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 17.985, 308.084

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.985, 308.084.

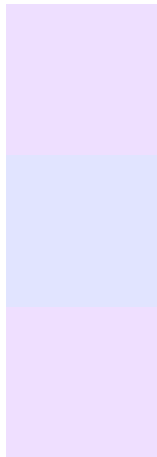


This preview shows how white text looks on a background with the CIELCh color 91, 17.985, 308.084.

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, 17.475, 308.558

Protanopia

91, 14.024, 287.155

Deuteranopia

91, 17.581, 309.636



Tritanopia
91, 10.156, 313.145

Trichromacy



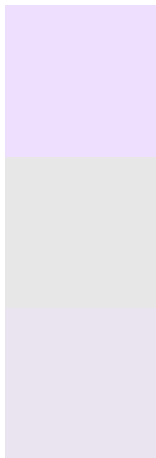
Original Color
91, 17.475, 308.558

Protanomaly
91, 15.145, 296.524

Deuteranomaly
91, 17.581, 309.636

Tritanomaly
91, 12.831, 311.701

Monochromacy



Original Color
91, 17.475, 308.558

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 6.600, 309.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.985, 308.084 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, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 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(238, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.985, 308.084 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, 223, 255) }
```

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

```
.border{ border-color:rgb(238, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.985, 308.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 255) }
```

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

```
.background{ background-color: rgb(238,  
223, 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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