

Converting Colors

CIELCh(91, 14.211, 282.067)

Have a look what the booklet for
CIELCh(91, 14.211, 282.067)
contains.

CIELCh(91, 14.113, 283.071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 14.113, 283.071)

Conversions

Conversions Part 1

Format	Color
Hex	DEE4FF
RGB	222, 228, 255
RGB Percent	87%, 89%, 100%
CMY	0.1282, 0.1046, 0.0000
CMYK	0.13, 0.10, 0.00, 0.00
HSL	229°, 100%, 94%
HSV	229°, 13%, 100%
XYZ	76.1555, 78.4833, 106.0178
YIQ	229.2840, -12.2430, 7.1250

Conversions

Conversions Part 2

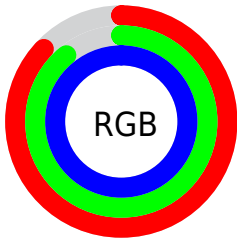
Format	Color
R _{YB}	222, 227, 255
Decimal	14607615
CIE Lab	91.00, 3.19, -13.75
CIE LCh	91, 14.113, 283.071
Yxy	78.4833, 0.2922, 0.3011
Android (android.graphics.Color)	4292797695 (0xFFDEE4FF)
YUV	229.2840, 12.6780, -6.3881
Hunter-Lab	88.5908, -1.5896, -8.9396

Details

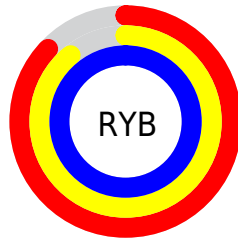
The CIELCh color `91, 14.113, 283.071` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 13.720, 99.899`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 13.771, 282.744` is the 20% darker color. If you saturate the color by 10%, you get `84, 25.207, 284.408`, and if you desaturate by 10%, it is `98, 3.026, 281.741`.

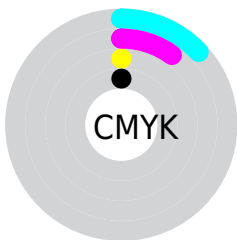
Distribution



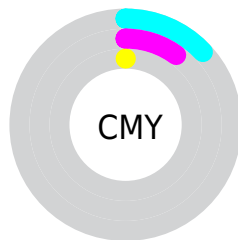
- Red (87%)
- Green (89%)
- Blue (100%)



- Red (87%)
- Yellow (89%)
- Blue (100%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 14.113, 283.071 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, 14.113, 283.071 by changing the saturation by 10% instead.


 91, 14.113,
283.071


 91, 14.113,
283.071


 100, 14.113,
283.071


 81, 14.113,
283.071


 71, 14.113,
283.071

 61, 14.113,
283.071

 51, 14.113,
283.071

 41, 14.113,
283.071

 31, 14.113,
283.071

 21, 14.113,

283.071

■ 11, 14.113,
283.071

■ 1, 14.113, 283.071

■ 91, 14.113,
283.071

■ 91, 14.113,
283.071

■ 84, 25.207,
284.408

■ 98, 3.026, 281.741

■ 77, 36.848,
286.124

100, 0.012,
296.813

■ 70, 48.901,
288.130

■ 63, 61.401,
290.452

■ 56, 74.349,
293.083

■ 50, 87.636,
295.959

■ 44, 100.890,
298.921

■ 39, 113.280,
301.716

■ 36, 120.947,
303.419

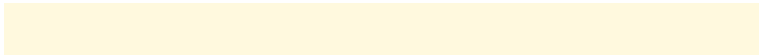
Harmonies

Complementary

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



91, 14.113, 283.071



98, 13.720, 99.899

Rectangle

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



91, 14.113, 283.071



91, 14.113, 333.071



91, 14.113, 103.071



91, 14.113, 153.071

Sweetspot

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



91, 13.944, 282.948



97, 4.302, 281.862



98, 11.729, 182.142



51, 3.060, 281.945



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, 13.944, 282.948



89, 16.374, 283.247



90, 17.384, 302.586



49, 6.156, 282.516



27, 96.079, 303.010



6, 38.239, 298.069

Inverse Universe

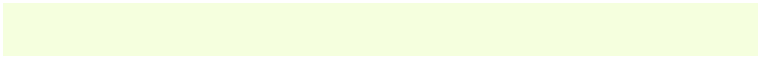
The Inverse Universe completely reimagines the original color for something new.



91, 12.282, 5.686



90, 14.461, 5.931



99, 16.956, 121.065



50, 5.399, 5.325



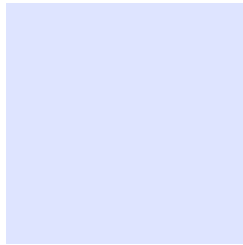
40, 75.758, 30.791



10, 32.081, 19.527

Previews

White Background



This preview shows how the CIE LCh color 91, 14.113, 283.071 looks on a white background.

Color Contrast Check

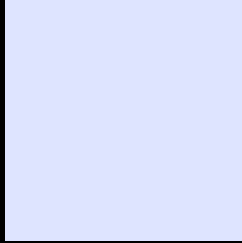
Large Text (above 18pt) WCAG AA × Fail

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, 14.113, 283.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

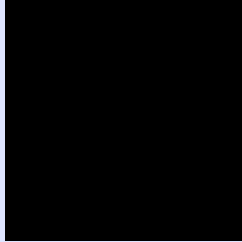
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 14.113, 283.071

Background



This preview shows how black text looks on a background with the CIELCh color 91, 14.113, 283.071.



This preview shows how white text looks on a background with the CIELCh color 91, 14.113, 283.071.

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

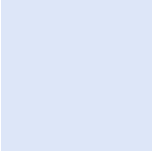
91, 14.113, 283.071

Protanopia

91, 14.015, 289.917

Deuteranopia

91, 17.475, 308.558



Tritanopia
91, 9.762, 272.605

Trichromacy



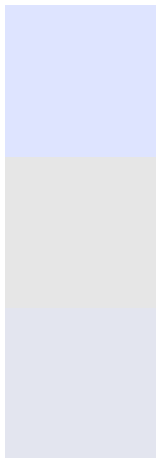
Original Color
91, 14.113, 283.071

Protanomaly
91, 14.021, 288.536

Deuteranomaly
91, 15.806, 300.082

Tritanomaly
91, 11.673, 277.660

Monochromacy



Original Color
91, 14.113, 283.071

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.225, 282.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 14.113, 283.071 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(222, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 228, 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(222, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 228, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 14.113, 283.071 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(222, 228, 255) }
```

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

```
.border{ border-color:rgb(222, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 228, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 228, 255); box-shadow:4px 4px 4px 4px rgb(222, 228, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 14.113, 283.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 228, 255) }
```

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

```
.background{ background-color: rgb(222,  
228, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor