

Converting Colors

CIELCh(92, 38.721, 307.798)

Have a look what the booklet for
CIELCh(92, 38.721, 307.798)
contains.

CIELCh(91, 21.636, 321.259)	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, 21.636, 321.259)

Conversions

Conversions Part 1

Format	Color
Hex	FADBFF
RGB	250, 219, 255
RGB Percent	98%, 86%, 100%
CMY	0.0182, 0.1398, 0.0000
CMYK	0.02, 0.14, 0.00, 0.00
HSL	292°, 100%, 93%
HSV	292°, 14%, 100%
XYZ	83.0878, 78.4833, 105.6852
YIQ	232.3730, 6.9200, 17.7680

Conversions

Conversions Part 2

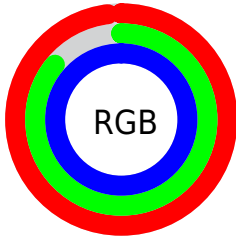
Format	Color
R _Y B	250, 219, 255
Decimal	16440319
CIE _{Lab}	91.00, 16.88, -13.54
CIE _{LCh}	91, 21.636, 321.259
Yxy	78.4833, 0.3109, 0.2937
Android (android.graphics.Color)	4294630399 (0xFFFADDBFF)
YUV	232.3730, 11.1551, 15.4589
Hunter-Lab	88.5908, 12.3781, -8.7170

Details

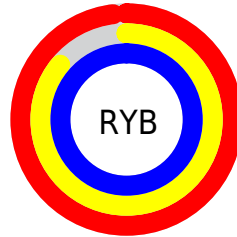
The CIELCh color **91, 21.636, 321.259** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 21.369, 140.145**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 21.420, 321.152** is the 20% darker color. If you saturate the color by 10%, you get **85, 37.008, 321.994**, and if you desaturate by 10%, it is **97, 6.065, 321.004**.

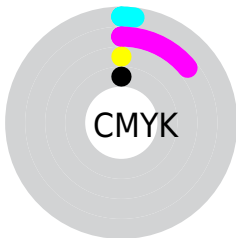
Distribution



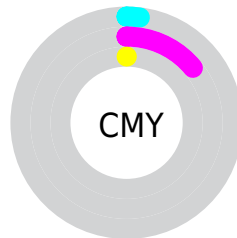
- Red (98%)
- Green (86%)
- Blue (100%)



- Red (98%)
- Yellow (86%)
- Blue (100%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (14%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 21.636, 321.259 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, 21.636, 321.259 by changing the saturation by 10% instead.


 91, 21.636,
321.259


 91, 21.636,
321.259


 100, 21.636,
321.259


 81, 21.636,
321.259

 71, 21.636,
321.259

 61, 21.636,
321.259

 51, 21.636,
321.259

 41, 21.636,
321.259

 31, 21.636,
321.259

 21, 21.636,

321.259

■ 11, 21.636,
321.259

■ 1, 21.636, 321.259

■ 91, 21.636,
321.259

■ 91, 21.636,
321.259

■ 85, 37.008,
321.994

■ 97, 6.065, 321.004

■ 79, 52.433,
322.456

100, 0.012,
296.813

■ 73, 67.391,
322.879

■ 68, 81.388,
323.235

■ 64, 93.806,
323.493

■ 60, 103.960,
323.617

■ 57, 111.260,
323.576

■ 55, 115.431,
323.347

■ 55, 116.742,
323.136

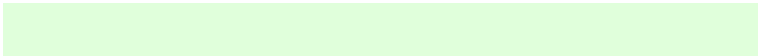
Harmonies

Complementary

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



91, 21.636, 321.259



97, 21.369, 140.145

Rectangle

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



91, 21.636, 321.259



91, 21.636, 11.259



91, 21.636, 141.259



91, 21.636, 191.259

Sweetspot

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



91, 21.471, 321.513



97, 6.101, 321.005



90, 16.120, 285.804



52, 4.338, 321.048



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, 21.471, 321.513



89, 26.165, 321.660



91, 17.271, 338.136



50, 8.707, 321.293



41, 94.005, 323.219



11, 43.174, 323.803

Inverse Universe

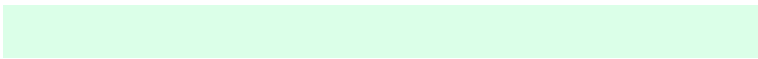
The Inverse Universe completely reimagines the original color for something new.



91, 13.262, 9.969



89, 16.281, 10.303



97, 17.112, 156.055



50, 5.321, 9.497



40, 78.496, 34.305



10, 32.403, 21.860

Previews

White Background



This preview shows how the CIELCh color 91, 21.636, 321.259 looks on a white background.

Color Contrast Check

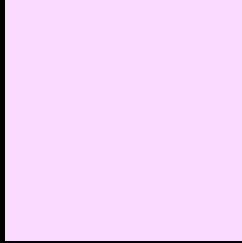
Large Text (above 18pt) WCAG AA × Fail

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, 21.636, 321.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

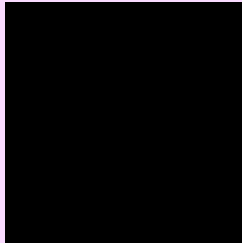
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

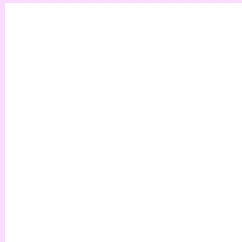
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 21.636, 321.259

Background



This preview shows how black text looks on a background with the CIELCh color 91, 21.636, 321.259.

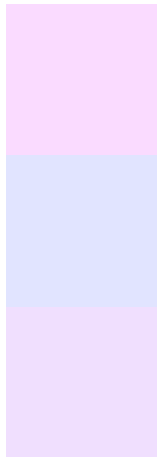


This preview shows how white text looks on a background with the CIELCh color 91, 21.636, 321.259.

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, 21.636, 321.259

Protanopia

91, 14.024, 287.155

Deuteranopia

91, 17.206, 311.268



Tritanopia
91, 12.815, 336.940

Trichromacy



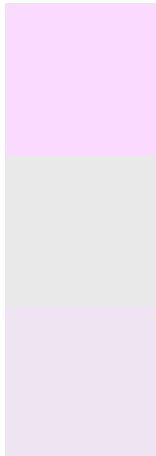
Original Color
91, 21.636, 321.259

Protanomaly
91, 15.930, 302.516

Deuteranomaly
91, 18.350, 315.859

Tritanomaly
91, 15.939, 329.265

Monochromacy



Original Color
91, 21.636, 321.259

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.811, 320.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 21.636, 321.259 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(250, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 219, 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(250, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 219, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 21.636, 321.259 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(250, 219, 255) }
```

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

```
.border{ border-color:rgb(250, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 219,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 21.636, 321.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 219, 255) }
```

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

```
.background{ background-color: rgb(250,  
219, 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