

Converting Colors

CIELCh(91, 12.765, 350.040)

Have a look what the booklet for
CIELCh(91, 12.765, 350.040)
contains.

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Color

CIELCh(91, 13.039, 349.331)

Conversions

Conversions Part 1

Format	Color
Hex	FCDDEA
RGB	252, 221, 234
RGB Percent	99%, 87%, 92%
CMY	0.0111, 0.1326, 0.0817
CMYK	0.00, 0.12, 0.07, 0.01
HSL	335°, 85%, 93%
HSV	335°, 12%, 99%
XYZ	80.9878, 78.4833, 88.8536
YIQ	231.7510, 14.3030, 10.6150

Conversions

Conversions Part 2

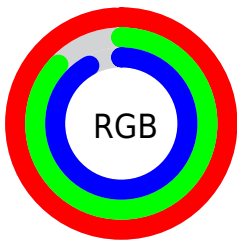
Format	Color
R _Y B	252, 221, 234
Decimal	16571882
CIE Lab	91.00, 12.81, -2.41
CIE LCh	91, 13.039, 349.331
Yxy	78.4833, 0.3261, 0.3161
Android (android.graphics.Color)	4294761962 (0xFFFCDEA)
YUV	231.7510, 1.1088, 17.7584
Hunter-Lab	88.5908, 8.1470, 2.5477

Details

The CIELCh color `91, 13.039, 349.331` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `97, 12.745, 167.173`, 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, 12.800, 349.913` is the 20% darker color. If you saturate the color by 10%, you get `85, 23.945, 350.406`, and if you desaturate by 10%, it is `98, 2.399, 348.229`.

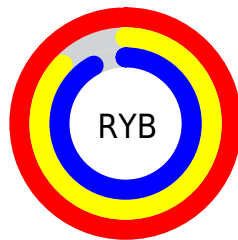
Distribution



Red (99%)

Green (87%)

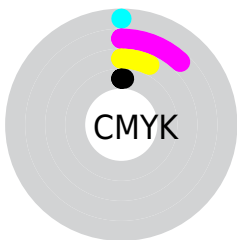
Blue (92%)



Red (99%)

Yellow (87%)

Blue (92%)

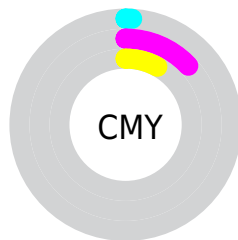


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 13.039, 349.331 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, 13.039, 349.331 by changing the saturation by 10% instead.


 91, 13.039,
349.331


 91, 13.039,
349.331


 100, 13.039,
349.331


 81, 13.039,
349.331


 71, 13.039,
349.331

 61, 13.039,
349.331

 51, 13.039,
349.331

 41, 13.039,
349.331

 31, 13.039,
349.331

 21, 13.039,

349.331

■ 11, 13.039,
349.331

■ 1, 13.039, 349.331

■ 91, 13.039,
349.331

■ 91, 13.039,
349.331

■ 85, 23.945,
350.406

■ 98, 2.399, 348.229

■ 79, 34.968,
351.621

■ 100, 0.980,
200.019

■ 73, 45.845,
353.042

■ 68, 56.190,
354.746

■ 63, 65.497,
356.841

■ 59, 73.204,
359.473

■ 56, 78.852, 2.822

■ 55, 82.336, 7.058

■ 54, 83.987, 10.884

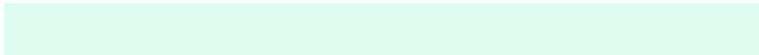
Harmonies

Complementary

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



91, 13.039, 349.331



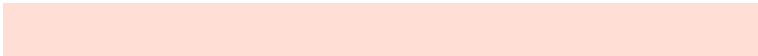
97, 12.745, 167.173

Rectangle

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



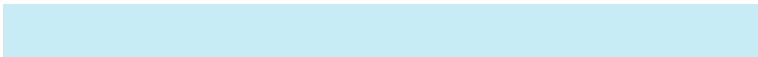
91, 13.039, 349.331



91, 13.039, 39.331



91, 13.039, 169.331



91, 13.039, 219.331

Sweetspot

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



91, 13.036, 349.336



97, 4.229, 348.473



90, 17.299, 311.887



52, 3.008, 348.561



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

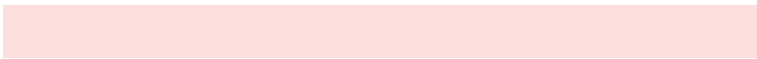
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 13.036, 349.336



90, 16.112, 349.615



91, 10.680, 25.804



49, 5.959, 349.052



40, 67.449, 9.881



10, 30.539, 2.793

Inverse Universe

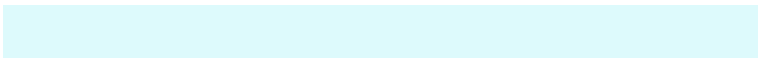
The Inverse Universe completely reimagines the original color for something new.



91, 13.036, 349.336



90, 16.112, 349.615



96, 9.849, 205.042



49, 5.959, 349.052



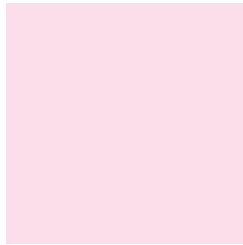
40, 67.449, 9.881



10, 30.539, 2.793

Previews

White Background



This preview shows how the CIELCh color 91, 13.039, 349.331 looks on a white background.

Color Contrast Check

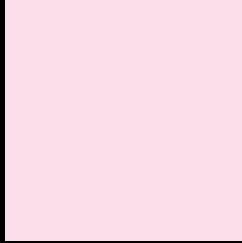
Large Text (above 18pt) WCAG AA × Fail

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, 13.039, 349.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

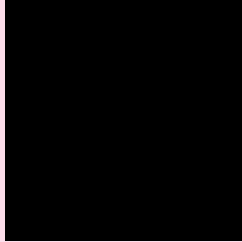
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 13.039, 349.331

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.039, 349.331.

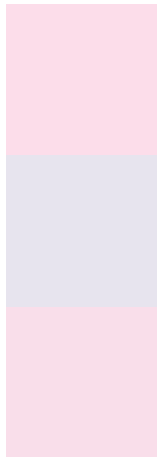


This preview shows how white text looks on a background with the CIELCh color 91, 13.039, 349.331.

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, 13.039, 349.331

Protanopia

91, 5.313, 302.034

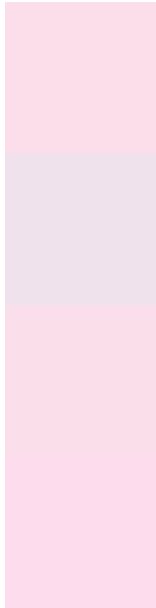
Deuteranopia

91, 11.536, 347.683



Tritanopia
91, 14.459, 343.025

Trichromacy



Original Color
91, 13.039, 349.331

Protanomaly
91, 7.373, 329.248

Deuteranomaly
91, 11.843, 348.662

Tritanomaly
91, 14.161, 344.702

Monochromacy



Original Color
91, 13.039, 349.331

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.727, 346.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.039, 349.331 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(252, 221, 234)` looks like.

```
.text, #text, p{  
    color:rgb(252, 221, 234)  
}
```

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(252, 221, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 221, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.039, 349.331 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(252, 221, 234) }
```

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

```
.border{ border-color:rgb(252, 221, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 221, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 221, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 221, 234);  
box-shadow:4px 4px 4px 4px rgb(252, 221,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.039, 349.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 221, 234) }
```

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

```
.background{ background-color: rgb(252,  
221, 234) }
```

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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