

Converting Colors

CIELCh(78, 35.624, 353.031)

Have a look what the booklet for
CIELCh(78, 35.624, 353.031)
contains.

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Color

CIELCh(78, 35.271, 353.098)

Conversions

Conversions Part 1

Format	Color
Hex	FCA9CA
RGB	252, 169, 202
RGB Percent	99%, 66%, 79%
CMY	0.0126, 0.3380, 0.2086
CMYK	0.00, 0.33, 0.20, 0.01
HSL	336°, 93%, 82%
HSV	336°, 33%, 99%
XYZ	64.8548, 53.2120, 62.6045
YIQ	197.5790, 38.8750, 27.8590

Conversions

Conversions Part 2

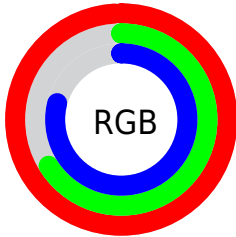
Format	Color
R _{YB}	252, 169, 202
Decimal	16558538
CIE Lab	78.00, 35.02, -4.24
CIE LCh	78, 35.271, 353.098
Yxy	53.2120, 0.3590, 0.2945
Android (android.graphics.Color)	4294748618 (0xFFFC A9CA)
YUV	197.5790, 2.1796, 47.7272
Hunter-Lab	72.9466, 31.0431, 0.1784

Details

The CIELCh color **78, 35.271, 353.098** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 33.000, 166.257**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 18.763, 325.076**, and **58, 35.093, 353.219** is the 20% darker color. If you saturate the color by 10%, you get **72, 46.049, 354.581**, and if you desaturate by 10%, it is **84, 24.352, 351.841**.

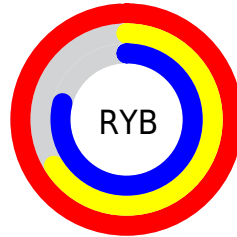
Distribution



Red (99%)

Green (66%)

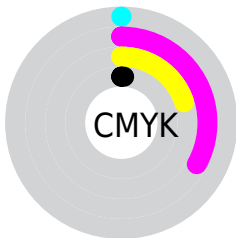
Blue (79%)



Red (99%)

Yellow (66%)

Blue (79%)

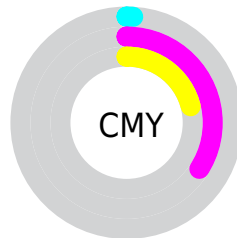


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (1%)



Cyan (1%)


Magenta (34%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.271, 353.098 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 78, 35.271, 353.098 by changing the saturation by 10% instead.


 78, 35.271,
353.098


 78, 35.271,
353.098


 100, 35.271,
353.098


 68, 35.271,
353.098


 98, 35.271,
353.098

 58, 35.271,
353.098

 48, 35.271,
353.098

 38, 35.271,
353.098

 28, 35.271,
353.098

 18, 35.271,
353.098

 8, 35.271, 353.098

0, 35.271, 353.098

78, 35.271,
353.098

78, 35.271,
353.098

72, 46.049,
354.581

84, 24.352,
351.841

67, 56.309,
356.369

90, 13.559,
350.740

62, 65.547,
358.579

97, 3.047, 349.653

59, 73.213, 1.368

100, 1.117,
199.928

56, 78.881, 4.918

54, 82.494, 9.389

54, 84.230, 13.019

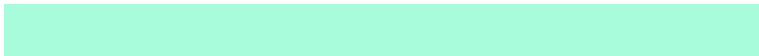
Harmonies

Complementary

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



78, 35.271, 353.098



93, 33.000, 166.257

Rectangle

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



78, 35.271, 353.098



78, 35.271, 43.098



78, 35.271, 173.098



78, 35.271, 223.098

Sweetspot

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



78, 35.268, 353.100



93, 10.525, 350.435



76, 47.661, 313.961



49, 7.197, 350.580



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 35.268, 353.100



75, 43.340, 354.120



79, 30.266, 30.094



49, 5.881, 350.383



40, 67.669, 11.989



10, 30.481, 4.613

Inverse Universe

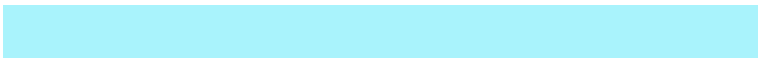
The Inverse Universe completely reimagines the original color for something new.



78, 35.268, 353.100



75, 43.340, 354.120



92, 23.804, 208.449



49, 5.881, 350.383



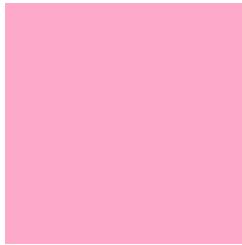
40, 67.669, 11.989



10, 30.481, 4.613

Previews

White Background



This preview shows how the CIELCh color 78, 35.271, 353.098 looks on a white background.

Color Contrast Check

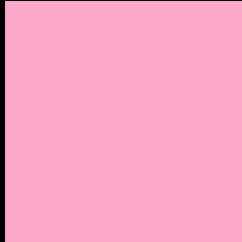
Large Text (above 18pt) WCAG AA × Fail

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 78, 35.271, 353.098 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 78, 35.271, 353.098

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.271, 353.098.



This preview shows how white text looks on a background with the CIELCh color 78, 35.271, 353.098.

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
78, 35.271, 353.098

Protanopia
78, 12.862, 288.242

Deuteranopia
78, 10.370, 345.738



Tritanopia
78, 30.729, 9.339

Trichromacy



Original Color
78, 35.271, 353.098



Protanomaly
78, 17.711, 326.128



Deuteranomaly
78, 19.564, 349.953

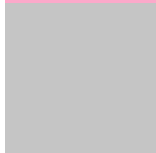


Tritanomaly
78, 32.085, 3.198

Monochromacy



Original Color
78, 35.271, 353.098



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 12.857, 350.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.271, 353.098 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, 169, 202)` looks like.

```
.text, #text, p{  
    color:rgb(252, 169, 202)  
}
```

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, 169, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 169, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.271, 353.098 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, 169, 202) }
```

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

```
.border{ border-color:rgb(252, 169, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 169, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 169, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 169, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 169,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.271, 353.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 169, 202) }
```

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

```
.background{ background-color: rgb(252,  
169, 202) }
```

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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