

Converting Colors

CIELCh(78, 36.090, 356.027)

Have a look what the booklet for
CIELCh(78, 36.090, 356.027)
contains.

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Color

CIELCh(78, 35.893, 355.691)

Conversions

Conversions Part 1

Format	Color
Hex	FEA8C7
RGB	254, 168, 199
RGB Percent	100%, 66%, 78%
CMY	0.0038, 0.3411, 0.2195
CMYK	0.00, 0.34, 0.22, 0.00
HSL	338°, 98%, 83%
HSV	338°, 34%, 100%
XYZ	65.1985, 53.2120, 60.8795
YIQ	197.2480, 41.3050, 27.8730

Conversions

Conversions Part 2

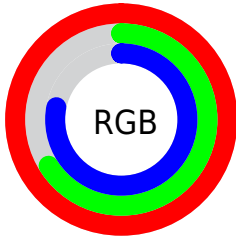
Format	Color
RYB	254, 168, 199
Decimal	16689351
CIELab	78.00, 35.79, -2.70
CIELCh	78, 35.893, 355.691
Yxy	53.2120, 0.3636, 0.2968
Android (android.graphics.Color)	4294879431 (0xFFFEA8C7)
YUV	197.2480, 0.8637, 49.7715
Hunter-Lab	72.9466, 31.8841, 1.5805

Details

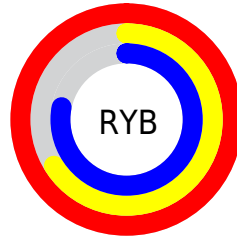
The CIELCh color **78, 35.893, 355.691** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 33.126, 168.470**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 19.393, 325.098**, and **58, 35.748, 356.061** is the 20% darker color. If you saturate the color by 10%, you get **72, 46.643, 357.274**, and if you desaturate by 10%, it is **84, 25.029, 354.364**.

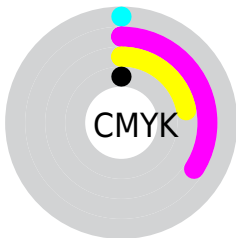
Distribution



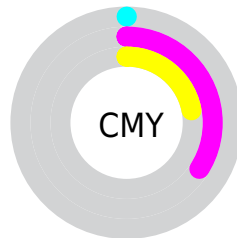
- Red (100%)
- Green (66%)
- Blue (78%)



- Red (100%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.893, 355.691 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, 35.893, 355.691 by changing the saturation by 10% instead.


 78, 35.893,
355.691


 78, 35.893,
355.691


 100, 35.893,
355.691


 68, 35.893,
355.691


 98, 35.893,
355.691

 58, 35.893,
355.691

 48, 35.893,
355.691

 38, 35.893,
355.691

 28, 35.893,
355.691

 18, 35.893,
355.691

 8, 35.893, 355.691

0, 35.893, 355.691

78, 35.893,
355.691

78, 35.893,
355.691

72, 46.643,
357.274

84, 25.029,
354.364

67, 56.906,
359.200

91, 14.320,
353.214

62, 66.181, 1.602

97, 3.916, 352.124

59, 73.942, 4.647

100, 0.339,
201.337

56, 79.810, 8.518

54, 83.805, 13.345

54, 85.720, 16.676

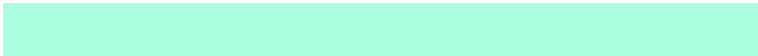
Harmonies

Complementary

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



78, 35.893, 355.691



94, 33.126, 168.470

Rectangle

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



78, 35.893, 355.691



78, 35.893, 45.691



78, 35.893, 175.691



78, 35.893, 225.691

Sweetspot

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



78, 35.890, 355.693



93, 10.301, 352.803



77, 49.628, 315.076



49, 7.045, 352.952



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, 35.890, 355.693



74, 43.741, 356.794



80, 30.628, 33.057



50, 5.851, 352.751



40, 68.995, 15.630



10, 31.294, 8.148

Inverse Universe

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



78, 35.890, 355.693



74, 43.741, 356.794



91, 23.901, 212.506



50, 5.851, 352.751



40, 68.995, 15.630



10, 31.294, 8.148

Previews

White Background



This preview shows how the CIELCh color 78, 35.893, 355.691 looks on a white background.

Color Contrast Check

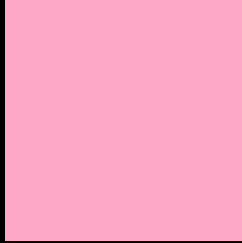
Large Text (above 18pt) WCAG AA × Fail

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, 35.893, 355.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

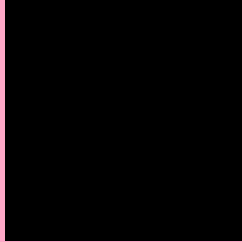
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 35.893, 355.691

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.893, 355.691.



This preview shows how white text looks on a background with the CIELCh color 78, 35.893, 355.691.

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, 35.893, 355.691

Protanopia

78, 11.785, 289.547

Deuteranopia

78, 10.152, 351.993



Tritanopia
78, 31.909, 9.956

Trichromacy



Original Color
78, 35.893, 355.691



Protanomaly
78, 17.955, 330.074



Deuteranomaly
78, 19.755, 353.886

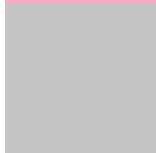


Tritanomaly
78, 33.110, 4.901

Monochromacy



Original Color
78, 35.893, 355.691



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 13.526, 352.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.893, 355.691 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(254, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 168, 199)  
}
```

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(254, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 168, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.893, 355.691 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(254, 168, 199) }
```

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

```
.border{ border-color:rgb(254, 168, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 168,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.893, 355.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 168, 199) }
```

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

```
.background{ background-color: rgb(254,  
168, 199) }
```

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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