

Converting Colors

CIELCh(94, 72.505, 12.099)

Have a look what the booklet for
CIELCh(94, 72.505, 12.099) contains.

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Color

CIELCh(80, 34.498, 349.200)

Conversions

Conversions Part 1

Format	Color
Hex	FEAFD3
RGB	254, 175, 211
RGB Percent	100%, 69%, 83%
CMY	0.0025, 0.3121, 0.1710
CMYK	0.00, 0.31, 0.17, 0.00
HSL	333°, 98%, 84%
HSV	333°, 31%, 100%
XYZ	68.2231, 56.6813, 69.2334
YIQ	202.7250, 35.5280, 27.9440

Conversions

Conversions Part 2

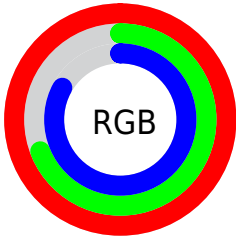
Format	Color
R_YB	254, 175, 211
Decimal	16691155
CIE _{Lab}	80.00, 33.89, -6.46
CIE _{LCh}	80, 34.498, 349.200
Yxy	56.6813, 0.3514, 0.2920
Android (android.graphics.Color)	4294881235 (0xFFFEAFD3)
YUV	202.7250, 4.0796, 44.9682
Hunter-Lab	75.2870, 29.9999, -1.8218

Details

The CIELCh color **80, 34.498, 349.200** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 32.880, 163.096**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 14.992, 324.942**, and **60, 34.311, 348.936** is the 20% darker color. If you saturate the color by 10%, you get **74, 45.619, 350.521**, and if you desaturate by 10%, it is **86, 23.215, 348.060**.

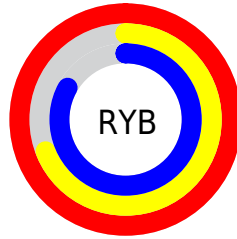
Distribution



Red (100%)

Green (69%)

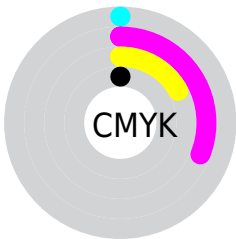
Blue (83%)



Red (100%)

Yellow (69%)

Blue (83%)

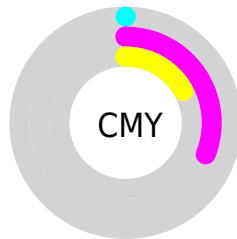


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 34.498, 349.200 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 80, 34.498, 349.200 by changing the saturation by 10% instead.


 80, 34.498,
349.200


 80, 34.498,
349.200


 100, 34.498,
349.200


 70, 34.498,
349.200


 60, 34.498,
349.200

 50, 34.498,
349.200

 40, 34.498,
349.200

 30, 34.498,
349.200

 20, 34.498,
349.200

 10, 34.498,

349.200

0, 34.498, 349.200

80, 34.498,
349.200

80, 34.498,
349.200

74, 45.619,
350.521

86, 23.215,
348.060

69, 56.202,
352.085

93, 12.038,
347.042

64, 65.730,
353.985

99, 1.122, 345.744
100, 0.221,
202.398

60, 73.619,
356.354

57, 79.359,
359.357

■ 55, 82.756, 3.171

■ 54, 84.270, 7.289

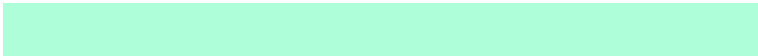
Harmonies

Complementary

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



80, 34.498, 349.200



94, 32.880, 163.096

Rectangle

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



80, 34.498, 349.200



80, 34.498, 39.200



80, 34.498, 169.200



80, 34.498, 219.200

Sweetspot

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



80, 34.495, 349.202



94, 9.808, 346.843



78, 44.687, 311.698



49, 6.829, 346.985



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 34.495, 349.202



77, 41.251, 349.964



80, 30.200, 24.541



50, 6.200, 346.892



41, 67.998, 6.376



10, 31.523, 0.107

Inverse Universe

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



80, 34.495, 349.202



77, 41.251, 349.964



94, 24.246, 201.150



50, 6.200, 346.892



41, 67.998, 6.376



10, 31.523, 0.107

Previews

White Background



This preview shows how the CIELCh color 80, 34.498, 349.200 looks on a white background.

Color Contrast Check

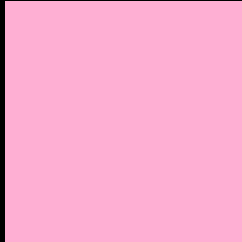
Large Text (above 18pt) WCAG AA × Fail

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 80, 34.498, 349.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

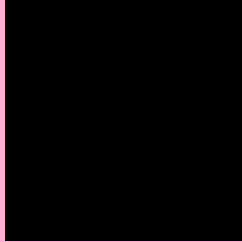
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 34.498, 349.200

Background



This preview shows how black text looks on a background with the CIELCh color 80, 34.498, 349.200.



This preview shows how white text looks on a background with the CIELCh color 80, 34.498, 349.200.

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
80, 34.525, 349.214

Protanopia
80, 14.941, 287.549

Deuteranopia
80, 11.104, 334.345



Tritanopia
80, 28.619, 8.143

Trichromacy



Original Color
80, 34.525, 349.214



Protanomaly
80, 19.210, 321.542



Deuteranomaly
80, 19.347, 343.940

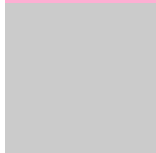


Tritanomaly
80, 30.212, 0.693

Monochromacy



Original Color
80, 34.525, 349.214



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 12.729, 347.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 34.498, 349.200 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, 175, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 211)  
}
```

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, 175, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 34.498, 349.200 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, 175, 211) }
```

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

```
.border{ border-color:rgb(254, 175, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 175, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 34.498, 349.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 211) }
```

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

```
.background{ background-color: rgb(254,  
175, 211) }
```

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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