

Converting Colors

CIELCh(80, 39.186, 0.572)

Have a look what the booklet for
CIELCh(80, 39.186, 0.572) contains.

CIELCh(79, 35.146, 356.930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 35.146, 356.930)

Conversions

Conversions Part 1

Format	Color
Hex	FFABC8
RGB	255, 171, 200
RGB Percent	100%, 67%, 78%
CMY	0.0000, 0.3284, 0.2146
CMYK	0.00, 0.33, 0.21, 0.00
HSL	339°, 100%, 84%
HSV	339°, 33%, 100%
XYZ	66.8149, 54.9284, 61.8934
YIQ	199.4220, 40.7550, 26.8270

Conversions

Conversions Part 2

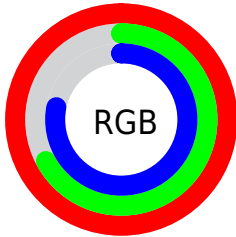
Format	Color
R _Y B	255, 171, 200
Decimal	16755656
CIE Lab	79.00, 35.10, -1.88
CIE LCh	79, 35.146, 356.930
Yxy	54.9284, 0.3638, 0.2991
Android (android.graphics.Color)	4294945736 (0xFFFFABC8)
YUV	199.4220, 0.2850, 48.7419
Hunter-Lab	74.1137, 31.2222, 2.3657

Details

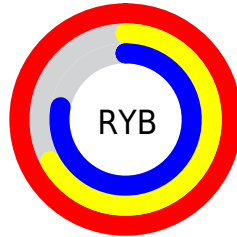
The CIELCh color **79, 35.146, 356.930** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 31.942, 169.496**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 17.506, 325.031**, and **59, 34.603, 356.962** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.472, 358.075**, and if you desaturate by 10%, it is **85, 23.840, 355.172**.

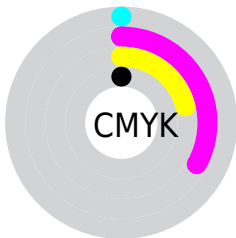
Distribution



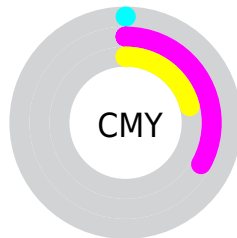
- Red (100%)
- Green (67%)
- Blue (78%)



- Red (100%)
- Yellow (67%)
- Blue (78%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.146, 356.930 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 79, 35.146, 356.930 by changing the saturation by 10% instead.


 79, 35.146,
356.930


 79, 35.146,
356.930


 100, 35.146,
356.930


 69, 35.146,
356.930


 99, 35.146,
356.930

 59, 35.146,
356.930

 49, 35.146,
356.930

 39, 35.146,
356.930

 29, 35.146,
356.930

 19, 35.146,
356.930

 9, 35.146, 356.930

0, 35.146, 356.930

79, 35.146,
356.930

79, 35.146,
356.930

73, 45.472,
358.075

85, 23.840,
355.172

68, 55.844,
359.997

91, 13.186,
354.024

63, 65.315, 2.395

98, 2.863, 352.889

59, 73.363, 5.433

100, 0.012,
296.813

56, 79.592, 9.295

55, 83.981, 14.112

54, 86.423, 18.030

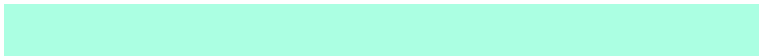
Harmonies

Complementary

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



79, 35.146, 356.930



94, 31.942, 169.496

Rectangle

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



79, 35.146, 356.930



79, 35.146, 46.930



79, 35.146, 176.930



79, 35.146, 226.930

Sweetspot

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



79, 34.682, 356.498



93, 10.221, 353.720



78, 48.403, 315.564



49, 6.991, 353.870



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 34.682, 356.498



75, 41.360, 357.435



81, 29.315, 34.508



50, 5.806, 353.667



40, 69.316, 16.959



10, 31.316, 9.280

Inverse Universe

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



79, 34.682, 356.498



75, 41.360, 357.435



92, 23.088, 214.561



50, 5.806, 353.667



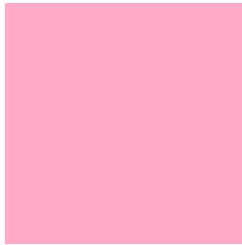
40, 69.316, 16.959



10, 31.316, 9.280

Previews

White Background



This preview shows how the CIELCh color 79, 35.146, 356.930 looks on a white background.

Color Contrast Check

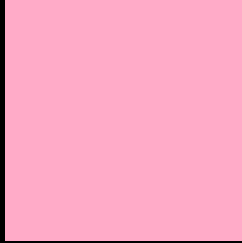
Large Text (above 18pt) WCAG AA × Fail

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 79, 35.146, 356.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

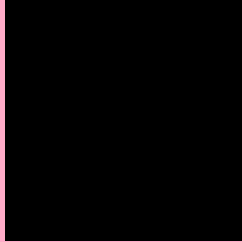
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 35.146, 356.930

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.146, 356.930.



This preview shows how white text looks on a background with the CIELCh color 79, 35.146, 356.930.

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

79, 34.780, 356.595

Protanopia

79, 10.694, 291.145

Deuteranopia

79, 10.243, 355.663



Tritanopia
79, 31.429, 9.706

Trichromacy



Original Color
79, 34.780, 356.595

Protanomaly
79, 16.481, 332.599

Deuteranomaly
79, 18.950, 356.202

Tritanomaly
79, 32.282, 4.342

Monochromacy



Original Color
79, 34.780, 356.595

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 12.357, 354.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.146, 356.930 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(255, 171, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 200)  
}
```

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(255, 171, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.146, 356.930 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(255, 171, 200) }
```

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

```
.border{ border-color:rgb(255, 171, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.146, 356.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 200) }
```

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

```
.background{ background-color: rgb(255,  
171, 200) }
```

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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