

Converting Colors

CIELCh(80, 40.872, 339.747)

Have a look what the booklet for
CIELCh(80, 40.872, 339.747)
contains.

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Color

CIELCh(80, 40.913, 338.919)

Conversions

Conversions Part 1

Format	Color
Hex	FFADEC
RGB	255, 173, 227
RGB Percent	100%, 68%, 89%
CMY	0.0000, 0.3229, 0.1110
CMYK	0.00, 0.32, 0.11, 0.00
HSL	321°, 100%, 84%
HSV	321°, 32%, 100%
XYZ	70.2023, 56.6813, 79.6845
YIQ	203.6740, 31.5380, 34.1780

Conversions

Conversions Part 2

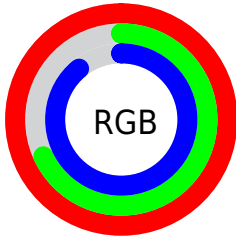
Format	Color
RYB	255, 173, 227
Decimal	16756195
CIELab	80.00, 38.17, -14.72
CIELCh	80, 40.913, 338.919
Yxy	56.6813, 0.3399, 0.2744
Android (android.graphics.Color)	4294946275 (0xFFFFAED3)
YUV	203.6740, 11.4997, 45.0129
Hunter-Lab	75.2870, 34.6923, -10.0523

Details

The CIELCh color $80, 40.913, 338.919$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $94, 40.110, 153.341$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $60, 40.978, 338.164$ is the 20% darker color. If you saturate the color by 10%, you get $74, 52.955, 339.576$, and if you desaturate by 10%, it is $86, 28.111, 337.784$.

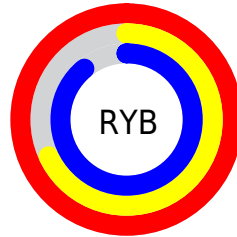
Distribution



Red (100%)

Green (68%)

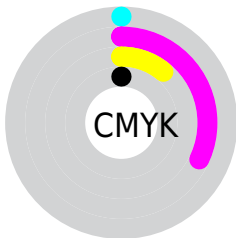
Blue (89%)



Red (100%)

Yellow (68%)

Blue (89%)

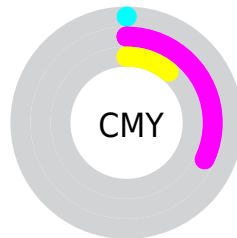


Cyan (0%)

Magenta (32%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 40.913, 338.919 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, 40.913, 338.919 by changing the saturation by 10% instead.


 80, 40.913,
338.919


 80, 40.913,
338.919


 100, 40.913,
338.919


 70, 40.913,
338.919

 60, 40.913,
338.919

 50, 40.913,
338.919

 40, 40.913,
338.919

 30, 40.913,
338.919

 20, 40.913,
338.919

 10, 40.913,

338.919

■ 0, 40.913, 338.919

■ 80, 40.913,
338.919

■ 80, 40.913,
338.919

■ 74, 52.955,
339.576

■ 86, 28.111,
337.784

■ 69, 64.307,
340.616

■ 92, 15.409,
336.984

■ 65, 74.205,
341.801

■ 99, 2.847, 336.131

■ 61, 82.006,
343.189

100, 0.012,
296.813

■ 59, 87.160,
344.861

■ 57, 89.426,
346.919

■ 56, 89.563,
348.794

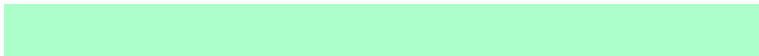
Harmonies

Complementary

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



80, 40.913, 338.919



94, 40.110, 153.341

Rectangle

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



80, 40.913, 338.919



80, 40.913, 28.919



80, 40.913, 158.919



80, 40.913, 208.919

Sweetspot

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



80, 40.736, 338.640



94, 12.518, 336.806



76, 45.460, 305.162



49, 8.550, 336.915



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, 40.736, 338.640



76, 49.009, 339.258



79, 32.397, 9.511



50, 7.114, 336.767



42, 72.379, 348.315



11, 34.133, 345.129

Inverse Universe

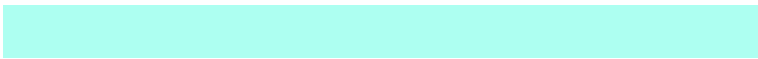
The Inverse Universe completely reimagines the original color for something new.



80, 40.736, 338.640



76, 49.009, 339.258



95, 27.846, 182.905



50, 7.114, 336.767



42, 72.379, 348.315



11, 34.133, 345.129

Previews

White Background



This preview shows how the CIELCh color 80, 40.913, 338.919 looks on a white background.

Color Contrast Check

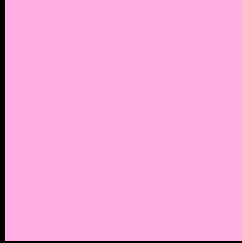
Large Text (above 18pt) WCAG AA × Fail

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, 40.913, 338.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

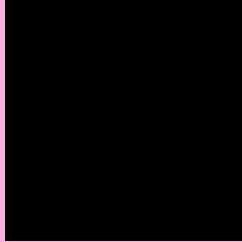
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 40.913, 338.919

Background



This preview shows how black text looks on a background with the CIELCh color 80, 40.913, 338.919.



This preview shows how white text looks on a background with the CIELCh color 80, 40.913, 338.919.

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





Tritanopia
80, 28.317, 6.862

Trichromacy



Original Color
80, 40.640, 338.515



Protanomaly
80, 27.552, 309.698



Deuteranomaly
80, 24.405, 325.362

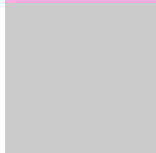


Tritanomaly
80, 31.427, 354.262

Monochromacy



Original Color
80, 40.640, 338.515



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 15.272, 336.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 40.913, 338.919 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, 173, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 227)  
}
```

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, 173, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 40.913, 338.919 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, 173, 227) }
```

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

```
.border{ border-color:rgb(255, 173, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 40.913, 338.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 227) }
```

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

```
.background{ background-color: rgb(255,  
173, 227) }
```

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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