

Converting Colors

CIELCh(80, 34.034, 340.551)

Have a look what the booklet for
CIELCh(80, 34.034, 340.551)
contains.

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Color

CIELCh(80, 34.166, 340.714)

Conversions

Conversions Part 1

Format	Color
Hex	F8B1DC
RGB	248, 177, 220
RGB Percent	97%, 69%, 86%
CMY	0.0267, 0.3052, 0.1365
CMYK	0.00, 0.29, 0.11, 0.03
HSL	324°, 84%, 83%
HSV	324°, 29%, 97%
XYZ	67.4769, 56.6813, 75.2193
YIQ	203.1310, 28.5130, 28.4250

Conversions

Conversions Part 2

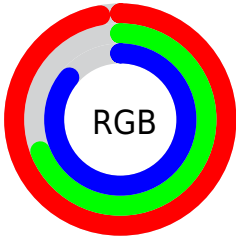
Format	Color
R _Y B	248, 177, 220
Decimal	16298460
CIE Lab	80.00, 32.25, -11.28
CIE LCh	80, 34.166, 340.714
Yxy	56.6813, 0.3384, 0.2843
Android (android.graphics.Color)	4294488540 (0xFFF8B1DC)
YUV	203.1310, 8.3164, 39.3501
Hunter-Lab	75.2870, 28.2306, -6.5358

Details

The CIELCh color $80, 34.166, 340.714$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $92, 33.492, 155.896$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $60, 33.971, 340.968$ is the 20% darker color. If you saturate the color by 10%, you get $74, 45.961, 341.704$, and if you desaturate by 10%, it is $86, 22.141, 339.818$.

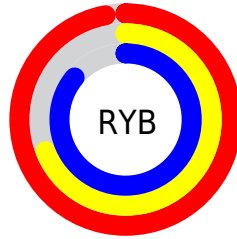
Distribution



Red (97%)

Green (69%)

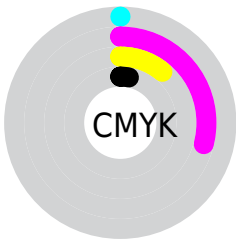
Blue (86%)



Red (97%)

Yellow (69%)

Blue (86%)

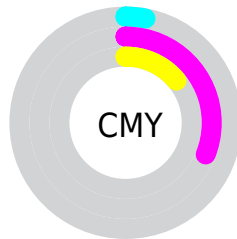


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (3%)



Cyan (3%)


Magenta (31%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 34.166, 340.714 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, 34.166, 340.714 by changing the saturation by 10% instead.


 80, 34.166,
340.714


 80, 34.166,
340.714


 100, 34.166,
340.714


 70, 34.166,
340.714

 60, 34.166,
340.714

 50, 34.166,
340.714

 40, 34.166,
340.714


 30, 34.166,
340.714


 20, 34.166,
340.714


 10, 34.166,


340.714


 0, 34.166, 340.714


 80, 34.166,
340.714

 80, 34.166,
340.714


 74, 45.961,
341.704


 86, 22.141,
339.818


 69, 57.146,
342.816

 92, 10.161,
338.982

 64, 67.198,
344.098

 99, 1.611, 158.544

 61, 75.507,
345.616

 100, 2.361,
199.536

 58, 81.485,
347.466

■ 56, 84.764,
349.766

■ 54, 85.523,
352.619

■ 54, 85.554,
353.041

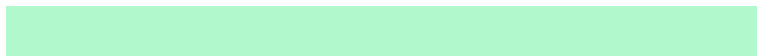
Harmonies

Complementary

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



80, 34.166, 340.714



92, 33.492, 155.896

Rectangle

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



80, 34.166, 340.714



80, 34.166, 30.714



80, 34.166, 160.714



80, 34.166, 210.714

Sweetspot

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



80, 34.163, 340.715



94, 10.860, 339.015



77, 39.400, 306.564



49, 7.557, 339.135



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, 34.163, 340.715



79, 41.471, 341.240



79, 27.693, 12.794



49, 6.751, 339.055



41, 69.845, 352.468



10, 32.412, 348.355

Inverse Universe

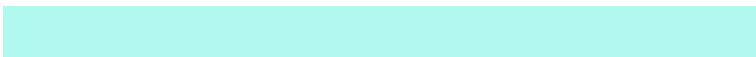
The Inverse Universe completely reimagines the original color for something new.



80, 34.163, 340.715



79, 41.471, 341.240



93, 23.793, 187.480



49, 6.751, 339.055



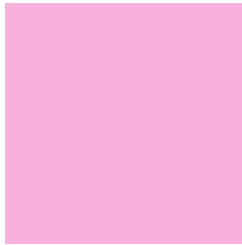
41, 69.845, 352.468



10, 32.412, 348.355

Previews

White Background



This preview shows how the CIELCh color 80, 34.166, 340.714 looks on a white background.

Color Contrast Check

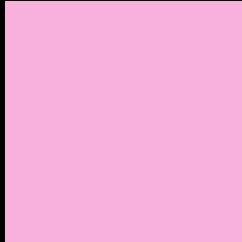
Large Text (above 18pt) WCAG AA × Fail

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, 34.166, 340.714 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, 34.166, 340.714

Background



This preview shows how black text looks on a background with the CIELCh color 80, 34.166, 340.714.

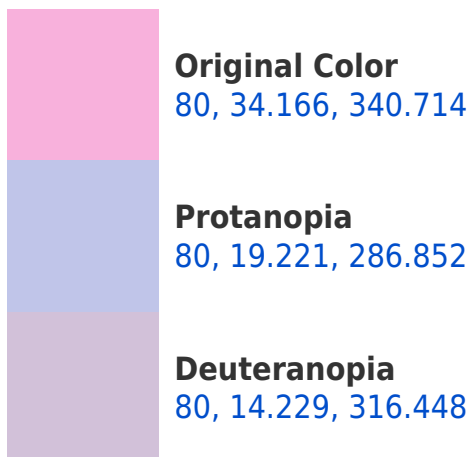


This preview shows how white text looks on a background with the CIELCh color 80, 34.166, 340.714.

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, 24.897, 4.360

Trichromacy



Original Color
80, 34.166, 340.714



Protanomaly
80, 21.787, 312.496



Deuteranomaly
80, 21.253, 330.234



Tritanomaly
80, 27.775, 353.519

Monochromacy



Original Color
80, 34.166, 340.714



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 12.154, 339.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 34.166, 340.714 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(248, 177, 220)` looks like.

```
.text, #text, p{  
    color:rgb(248, 177, 220)  
}
```

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(248, 177, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 177, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 34.166, 340.714 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(248, 177, 220) }
```

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

```
.border{ border-color:rgb(248, 177, 220) }
```

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

Here you see how a box with a 4 pixel rgb(248, 177, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 177, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 177, 220);  
box-shadow:4px 4px 4px 4px rgb(248, 177,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 34.166, 340.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 177, 220) }
```

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

```
.background{ background-color: rgb(248,  
177, 220) }
```

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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