

Converting Colors

CIELCh(80, 37.308, 339.521)

Have a look what the booklet for
CIELCh(80, 37.308, 339.521)
contains.

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Color

CIELCh(80, 37.448, 338.987)

Conversions

Conversions Part 1

Format	Color
Hex	FBAFE0
RGB	251, 175, 224
RGB Percent	98%, 69%, 88%
CMY	0.0148, 0.3129, 0.1207
CMYK	0.00, 0.30, 0.11, 0.01
HSL	321°, 91%, 84%
HSV	321°, 30%, 99%
XYZ	68.7138, 56.6813, 77.9886
YIQ	203.3100, 29.5670, 31.3510

Conversions

Conversions Part 2

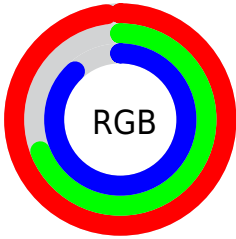
Format	Color
R _Y B	251, 175, 224
Decimal	16494560
CIE Lab	80.00, 34.96, -13.43
CIE LCh	80, 37.448, 338.987
Yxy	56.6813, 0.3379, 0.2787
Android (android.graphics.Color)	4294684640 (0xFFFBAFE0)
YUV	203.3100, 10.2002, 41.8241
Hunter-Lab	75.2870, 31.1633, -8.7167

Details

The CIELCh color $80, 37.448, 338.987$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 36.847, 154.031$, 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 $60, 37.721, 338.546$ is the 20% darker color. If you saturate the color by 10%, you get $74, 49.552, 339.924$, and if you desaturate by 10%, it is $86, 25.023, 338.130$.

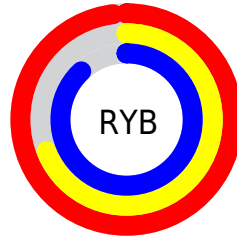
Distribution



Red (98%)

Green (69%)

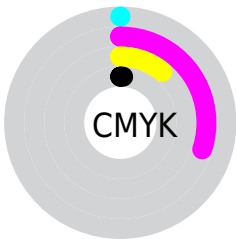
Blue (88%)



Red (98%)

Yellow (69%)

Blue (88%)

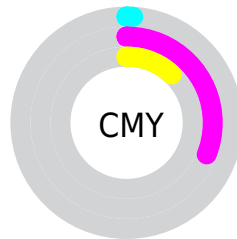


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 37.448, 338.987 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, 37.448, 338.987 by changing the saturation by 10% instead.


 80, 37.448,
338.987


 80, 37.448,
338.987


 100, 37.448,
338.987


 70, 37.448,
338.987


 60, 37.448,
338.987

 50, 37.448,
338.987

 40, 37.448,
338.987

 30, 37.448,
338.987


 20, 37.448,
338.987


 10, 37.448,


338.987


 0, 37.448, 338.987


 80, 37.448,
338.987


 80, 37.448,
338.987

 74, 49.552,
339.924


 86, 25.023,
338.130


 69, 60.918,
340.966

 92, 12.584,
337.328

 65, 70.992,
342.153

 99, 0.320, 335.309

 61, 79.141,
343.541

 100, 1.314,
199.826

 58, 84.788,
345.214

■ 56, 87.614,
347.274

■ 55, 88.015,
349.712

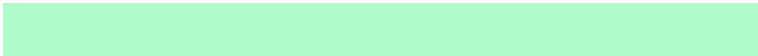
Harmonies

Complementary

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



80, 37.448, 338.987



93, 36.847, 154.031

Rectangle

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



80, 37.448, 338.987



80, 37.448, 28.987



80, 37.448, 158.987



80, 37.448, 208.987

Sweetspot

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



80, 37.445, 338.988



94, 11.166, 337.229



76, 42.024, 305.562



49, 7.768, 337.344



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, 37.445, 338.988



78, 45.003, 339.517



79, 29.790, 10.472



49, 6.940, 337.268



41, 71.222, 349.205



10, 33.075, 345.705

Inverse Universe

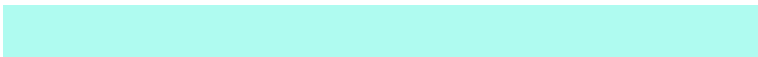
The Inverse Universe completely reimagines the original color for something new.



80, 37.445, 338.988



78, 45.003, 339.517



94, 25.699, 184.493



49, 6.940, 337.268



41, 71.222, 349.205



10, 33.075, 345.705

Previews

White Background



This preview shows how the CIELCh color 80, 37.448, 338.987 looks on a white background.

Color Contrast Check

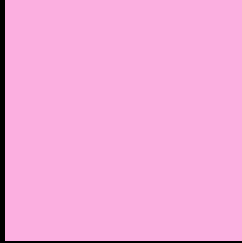
Large Text (above 18pt) WCAG AA × Fail

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, 37.448, 338.987 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, 37.448, 338.987

Background



This preview shows how black text looks on a background with the CIELCh color 80, 37.448, 338.987.



This preview shows how white text looks on a background with the CIELCh color 80, 37.448, 338.987.

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, 26.309, 6.654

Trichromacy



Original Color
80, 37.448, 338.987



Protanomaly
80, 25.412, 310.345



Deuteranomaly
80, 22.905, 326.843

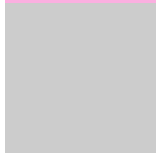


Tritanomaly
80, 29.325, 354.169

Monochromacy



Original Color
80, 37.448, 338.987



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 13.388, 338.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 37.448, 338.987 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(251, 175, 224)` looks like.

```
.text, #text, p{  
    color:rgb(251, 175, 224)  
}
```

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(251, 175, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 175, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 37.448, 338.987 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(251, 175, 224) }
```

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

```
.border{ border-color:rgb(251, 175, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 175, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 175, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 175, 224);  
box-shadow:4px 4px 4px 4px rgb(251, 175,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 37.448, 338.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 175, 224) }
```

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

```
.background{ background-color: rgb(251,  
175, 224) }
```

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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