

Converting Colors

CIELCh(77, 46.339, 339.213)

Have a look what the booklet for
CIELCh(77, 46.339, 339.213)
contains.

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Color

CIELCh(77, 46.539, 338.906)

Conversions

Conversions Part 1

Format	Color
Hex	FEA0DE
RGB	254, 160, 222
RGB Percent	100%, 63%, 87%
CMY	0.0036, 0.3722, 0.1291
CMYK	0.00, 0.37, 0.13, 0.00
HSL	320°, 98%, 81%
HSV	320°, 37%, 100%
XYZ	66.6816, 51.5317, 75.5932
YIQ	195.1740, 36.1220, 39.2100

Conversions

Conversions Part 2

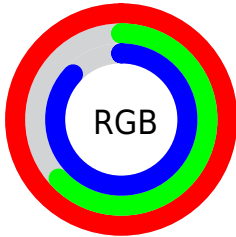
Format	Color
RYB	254, 160, 222
Decimal	16687326
CIELab	77.00, 43.42, -16.75
CIELCh	77, 46.539, 338.906
Yxy	51.5317, 0.3441, 0.2659
Android (android.graphics.Color)	4294877406 (0xFFFEA0DE)
YUV	195.1740, 13.2252, 51.5904
Hunter-Lab	71.7856, 40.1837, -12.1849

Details

The CIELCh color $77, 46.539, 338.906$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 45.800, 152.681$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $57, 46.907, 338.824$ is the 20% darker color. If you saturate the color by 10%, you get $72, 58.401, 339.880$, and if you desaturate by 10%, it is $83, 34.063, 338.021$.

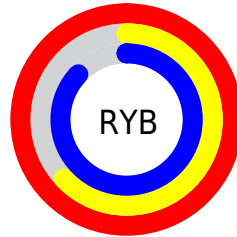
Distribution



Red (100%)

Green (63%)

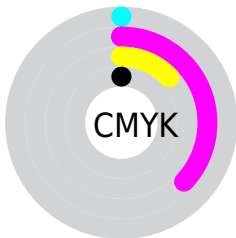
Blue (87%)



Red (100%)

Yellow (63%)

Blue (87%)

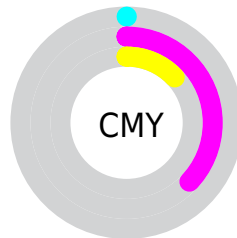


Cyan (0%)

Magenta (37%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 46.539, 338.906 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 77, 46.539, 338.906 by changing the saturation by 10% instead.


 77, 46.539,
338.906

 77, 46.539,
338.906

 100, 46.539,
338.906

 67, 46.539,
338.906

 97, 46.539,
338.906

 57, 46.539,
338.906

 47, 46.539,
338.906

 37, 46.539,
338.906

 27, 46.539,
338.906

 17, 46.539,
338.906

 7, 46.539, 338.906

■ 0, 46.539, 338.906

■ 77, 46.539,
338.906

■ 77, 46.539,
338.906

■ 72, 58.401,
339.880

■ 83, 34.063,
338.021

■ 67, 69.136,
340.972

■ 89, 21.373,
337.202

■ 63, 78.117,
342.230

■ 95, 8.731, 336.420

■ 60, 84.720,
343.721

■ 100, 0.319,
201.465

■ 57, 88.514,
345.536

■ 56, 89.499,
347.773

■ 56, 89.496,
348.507

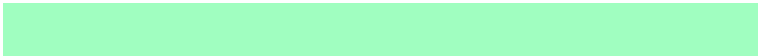
Harmonies

Complementary

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



77, 46.539, 338.906



93, 45.800, 152.681

Rectangle

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



77, 46.539, 338.906



77, 46.539, 28.906



77, 46.539, 158.906



77, 46.539, 208.906

Sweetspot

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



77, 46.536, 338.907



93, 13.815, 336.733



72, 52.317, 305.535



49, 9.292, 336.838



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 46.536, 338.907



73, 55.098, 339.578



76, 37.387, 10.277



50, 7.131, 336.617



42, 72.520, 348.041



11, 34.199, 344.903

Inverse Universe

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



77, 46.536, 338.907



73, 55.098, 339.578



94, 31.360, 182.433



50, 7.131, 336.617



42, 72.520, 348.041



11, 34.199, 344.903

Previews

White Background



This preview shows how the CIELCh color 77, 46.539, 338.906 looks on a white background.

Color Contrast Check

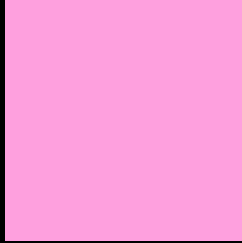
Large Text (above 18pt) WCAG AA × Fail

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 77, 46.539, 338.906 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 77, 46.539, 338.906

Background



This preview shows how black text looks on a background with the CIELCh color 77, 46.539, 338.906.



This preview shows how white text looks on a background with the CIELCh color 77, 46.539, 338.906.

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
77, 46.539, 338.906

Protanopia
77, 28.593, 285.006

Deuteranopia
77, 17.091, 303.488



Tritanopia
77, 32.009, 10.013

Trichromacy



Original Color
77, 46.539, 338.906



Protanomaly
77, 32.169, 309.344



Deuteranomaly
77, 26.729, 324.146

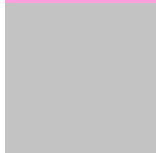


Tritanomaly
77, 35.983, 355.746

Monochromacy



Original Color
77, 46.539, 338.906



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 17.543, 336.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 46.539, 338.906 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, 160, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 160, 222)  
}
```

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, 160, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 160, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 46.539, 338.906 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, 160, 222) }
```

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

```
.border{ border-color:rgb(254, 160, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 160, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 160, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 160, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 160,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 46.539, 338.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 160, 222) }
```

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

```
.background{ background-color: rgb(254,  
160, 222) }
```

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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