

Converting Colors

CIELCh(85, 61.274, 3.282)

Have a look what the booklet for
CIELCh(85, 61.274, 3.282) contains.

CIELCh(77, 40.968, 347.830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 40.968, 347.830)

Conversions

Conversions Part 1

Format	Color
Hex	FEA2CF
RGB	254, 162, 207
RGB Percent	100%, 64%, 81%
CMY	0.0033, 0.3638, 0.1874
CMYK	0.00, 0.36, 0.18, 0.00
HSL	331°, 98%, 82%
HSV	331°, 36%, 100%
XYZ	65.1743, 51.5317, 65.6730
YIQ	194.6380, 40.3870, 33.4990

Conversions

Conversions Part 2

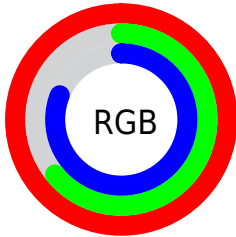
Format	Color
R_{YB}	254, 162, 207
Decimal	16687823
CIE _{Lab}	77.00, 40.05, -8.64
CIE _{LCh}	77, 40.968, 347.830
Yxy	51.5317, 0.3574, 0.2826
Android (android.graphics.Color)	4294877903 (0xFFFEA2CF)
YUV	194.6380, 6.0945, 52.0605
Hunter-Lab	71.7856, 36.4357, -3.9915

Details

The CIELCh color **77, 40.968, 347.830** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 39.100, 160.676**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 23.170, 325.231**, and **57, 40.930, 347.840** is the 20% darker color. If you saturate the color by 10%, you get **71, 51.981, 349.185**, and if you desaturate by 10%, it is **83, 29.565, 346.664**.

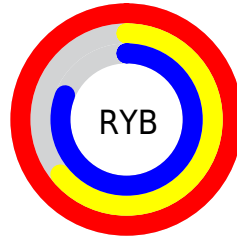
Distribution



Red (100%)

Green (64%)

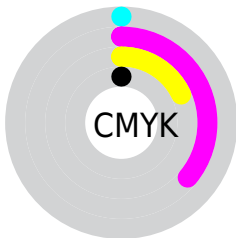
Blue (81%)



Red (100%)

Yellow (64%)

Blue (81%)

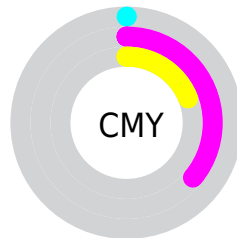


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 40.968, 347.830 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, 40.968, 347.830 by changing the saturation by 10% instead.

 77, 40.968,
347.830

 77, 40.968,
347.830


 100, 40.968,
347.830


 67, 40.968,
347.830


 97, 40.968,
347.830

 57, 40.968,
347.830

 47, 40.968,
347.830

 37, 40.968,
347.830

 27, 40.968,
347.830

 17, 40.968,
347.830

 7, 40.968, 347.830

0, 40.968, 347.830

77, 40.968,
347.830

77, 40.968,
347.830

71, 51.981,
349.185

83, 29.565,
346.664

66, 62.149,
350.797

89, 18.116,
345.633

62, 70.893,
352.766

96, 6.831, 344.678

59, 77.627,
355.231

100, 0.295,
201.637

56, 81.948,
358.358

55, 83.898, 2.307

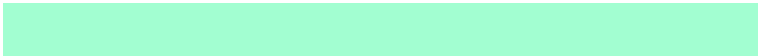
Harmonies

Complementary

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



77, 40.968, 347.830



93, 39.100, 160.676

Rectangle

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



77, 40.968, 347.830



77, 40.968, 37.830



77, 40.968, 167.830



77, 40.968, 217.830

Sweetspot

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



77, 40.965, 347.831



93, 12.284, 345.137



74, 52.050, 310.884



49, 8.267, 345.266



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, 40.965, 347.831



73, 48.687, 348.733



76, 36.938, 22.783



50, 6.337, 344.996



41, 68.146, 3.137



10, 31.772, 357.372

Inverse Universe

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



77, 40.965, 347.831



73, 48.687, 348.733



94, 28.598, 197.651



50, 6.337, 344.996



41, 68.146, 3.137



10, 31.772, 357.372

Previews

White Background



This preview shows how the CIELCh color 77, 40.968, 347.830 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, 40.968, 347.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

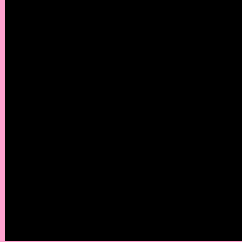
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.968, 347.830

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.968, 347.830.



This preview shows how white text looks on a background with the CIELCh color 77, 40.968, 347.830.

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, 40.998, 347.847

Protanopia

77, 18.835, 286.732

Deuteranopia

77, 11.733, 324.903



Tritanopia
77, 33.197, 10.599

Trichromacy



Original Color
77, 40.998, 347.847



Protanomaly
77, 23.769, 319.441



Deuteranomaly
77, 22.302, 339.159

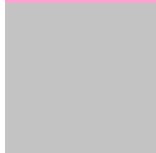


Tritanomaly
77, 35.390, 0.893

Monochromacy



Original Color
77, 40.998, 347.847



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 15.248, 346.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 40.968, 347.830 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, 162, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 162, 207)  
}
```

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, 162, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 162, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.968, 347.830 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, 162, 207) }
```

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

```
.border{ border-color:rgb(254, 162, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 162, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 162, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 162, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 162,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.968, 347.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 162, 207) }
```

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

```
.background{ background-color: rgb(254,  
162, 207) }
```

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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