

Converting Colors

CIELCh(80, 49.133, 355.050)

Have a look what the booklet for
CIELCh(80, 49.133, 355.050)
contains.

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Color

CIELCh(77, 41.540, 347.556)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2D0
RGB	255, 162, 208
RGB Percent	100%, 64%, 82%
CMY	0.0009, 0.3655, 0.1851
CMYK	0.00, 0.36, 0.18, 0.00
HSL	330°, 100%, 82%
HSV	330°, 36%, 100%
XYZ	65.4037, 51.5317, 66.0406
YIQ	195.0510, 40.6620, 34.0220

Conversions

Conversions Part 2

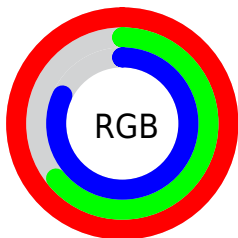
Format	Color
R_{YB}	255, 162, 208
Decimal	16753360
CIE _{Lab}	77.00, 40.56, -8.95
CIE _{LCh}	77, 41.540, 347.556
Yxy	51.5317, 0.3574, 0.2816
Android (android.graphics.Color)	4294943440 (0xFFFFA2D0)
YUV	195.0510, 6.3839, 52.5753
Hunter-Lab	71.7856, 37.0062, -4.2951

Details

The CIELCh color **77, 41.540, 347.556** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 39.684, 160.356**, 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, 41.477, 347.546** is the 20% darker color. If you saturate the color by 10%, you get **71, 52.577, 348.906**, and if you desaturate by 10%, it is **83, 30.093, 346.394**.

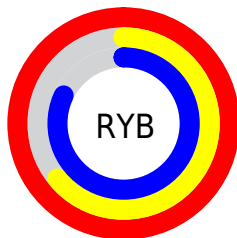
Distribution



Red (100%)

Green (64%)

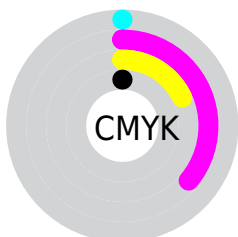
Blue (82%)



Red (100%)

Yellow (64%)

Blue (82%)

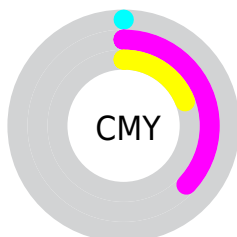


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 41.540, 347.556 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, 41.540, 347.556 by changing the saturation by 10% instead.


 77, 41.540,
347.556

 77, 41.540,
347.556


 100, 41.540,
347.556


 67, 41.540,
347.556


 97, 41.540,
347.556

 57, 41.540,
347.556

 47, 41.540,
347.556

 37, 41.540,
347.556

 27, 41.540,
347.556

 17, 41.540,
347.556

 7, 41.540, 347.556

■ 0, 41.540, 347.556

■ 77, 41.540,
347.556

■ 77, 41.540,
347.556

■ 71, 52.577,
348.906

■ 83, 30.093,
346.394

■ 66, 62.739,
350.509

■ 89, 18.584,
345.367

■ 62, 71.444,
352.468

■ 96, 7.231, 344.417

■ 59, 78.104,
354.919

100, 0.076,
208.191

■ 56, 82.322,
358.028

■ 55, 84.156, 1.951

■ 55, 84.519, 3.465

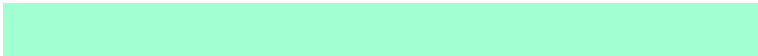
Harmonies

Complementary

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



77, 41.540, 347.556



93, 39.684, 160.356

Rectangle

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



77, 41.540, 347.556



77, 41.540, 37.556



77, 41.540, 167.556



77, 41.540, 217.556

Sweetspot

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



77, 41.537, 347.557



93, 12.327, 344.842



74, 52.637, 310.902



49, 8.296, 344.970



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, 41.537, 347.557



73, 49.920, 348.549



76, 37.385, 22.831



50, 6.360, 344.702



41, 68.193, 2.625



10, 31.819, 356.942

Inverse Universe

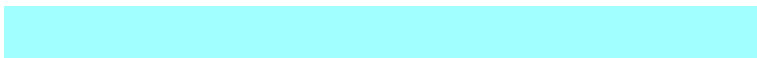
The Inverse Universe completely reimagines the original color for something new.



77, 41.537, 347.557



73, 49.920, 348.549



94, 28.869, 197.638



50, 6.360, 344.702



41, 68.193, 2.625



10, 31.819, 356.942

Previews

White Background



This preview shows how the CIELCh color 77, 41.540, 347.556 looks on a white background.

Color Contrast Check

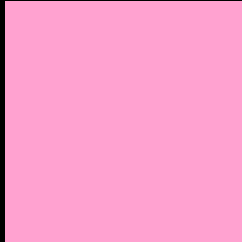
Large Text (above 18pt) WCAG AA × Fail

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, 41.540, 347.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

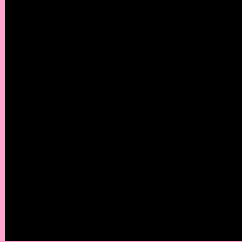
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 41.540, 347.556

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.540, 347.556.



This preview shows how white text looks on a background with the CIELCh color 77, 41.540, 347.556.

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
77, 33.583, 10.781

Trichromacy



Original Color
77, 41.540, 347.556



Protanomaly
77, 24.085, 318.075



Deuteranomaly
77, 22.302, 339.159



Tritanomaly
77, 35.744, 1.170

Monochromacy



Original Color
77, 41.540, 347.556



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 15.537, 344.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 41.540, 347.556 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, 162, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 208)  
}
```

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, 162, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.540, 347.556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

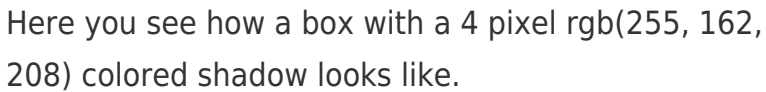
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 162, 208) }
```

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

```
.border{ border-color:rgb(255, 162, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 162, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.540, 347.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 208) }
```

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

```
.background{ background-color: rgb(255,  
162, 208) }
```

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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