

Converting Colors

CIELCh(76, 37.638, 19.165)

Have a look what the booklet for
CIELCh(76, 37.638, 19.165) contains.

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Color

CIELCh(76, 37.077, 19.608)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2A6
RGB	255, 162, 166
RGB Percent	100%, 64%, 65%
CMY	0.0000, 0.3645, 0.3488
CMYK	0.00, 0.36, 0.35, 0.00
HSL	357°, 100%, 82%
HSV	357°, 36%, 100%
XYZ	61.0810, 49.8872, 42.5127
YIQ	190.2630, 54.1440, 20.9600

Conversions

Conversions Part 2

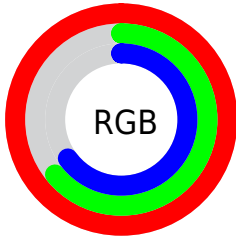
Format	Color
RYB	255, 162, 166
Decimal	16753318
CIELab	76.00, 34.93, 12.44
CIELCh	76, 37.077, 19.608
Yxy	49.8872, 0.3980, 0.3250
Android (android.graphics.Color)	4294943398 (0xFFFFA2A6)
YUV	190.2630, -11.9617, 56.7743
Hunter-Lab	70.6309, 30.7613, 13.7550

Details

The CIELCh color **76, 37.077, 19.608** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.235, 193.536**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.694, 13.892**, and **56, 37.125, 19.782** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.600, 21.399**, and if you desaturate by 10%, it is **82, 26.002, 18.214**.

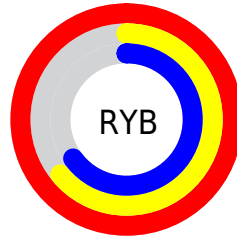
Distribution



Red (100%)

Green (64%)

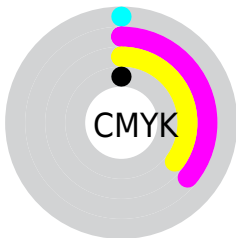
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

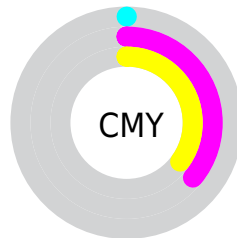


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.077, 19.608 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 76, 37.077, 19.608 by changing the saturation by 10% instead.

76, 37.077, 19.608

76, 37.077, 19.608

100, 37.077,
19.608

66, 37.077, 19.608

96, 37.077, 19.608

56, 37.077, 19.608

46, 37.077, 19.608

36, 37.077, 19.608

26, 37.077, 19.608

16, 37.077, 19.608

6, 37.077, 19.608

0, 37.077, 19.608

76, 37.077, 19.608

76, 37.077, 19.608

70, 48.600, 21.399

82, 26.002, 18.214

65, 60.402, 23.712

89, 15.599, 17.115

60, 72.097, 26.661

96, 5.892, 16.188

57, 83.249, 30.275

100, 0.012,
296.813

55, 93.286, 34.315

53, 101.023,
37.971

53, 102.938,
38.838

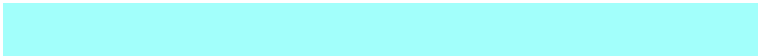
Harmonies

Complementary

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



76, 37.077, 19.608



94, 29.235, 193.536

Rectangle

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



76, 37.077, 19.608



76, 37.077, 69.608



76, 37.077, 199.608



76, 37.077, 249.608

Sweetspot

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



76, 37.049, 19.607



92, 10.226, 16.602



78, 57.218, 324.955



48, 6.905, 16.725



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 37.049, 19.607



72, 45.740, 20.918



86, 30.437, 65.601



49, 5.256, 16.467



40, 82.391, 38.359



10, 33.019, 25.454

Inverse Universe

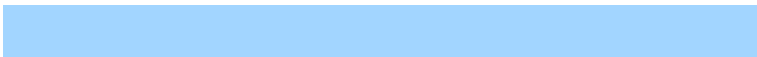
The Inverse Universe completely reimagines the original color for something new.



76, 37.049, 19.607



72, 45.740, 20.918



83, 26.512, 255.737



49, 5.256, 16.467



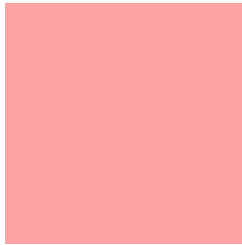
40, 82.391, 38.359



10, 33.019, 25.454

Previews

White Background



This preview shows how the CIELCh color 76, 37.077, 19.608 looks on a white background.

Color Contrast Check

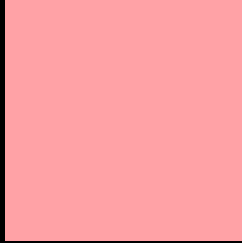
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 37.077, 19.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

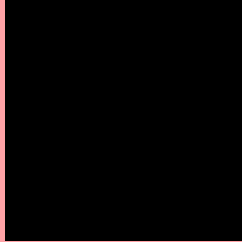
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 37.077, 19.608

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.077, 19.608.

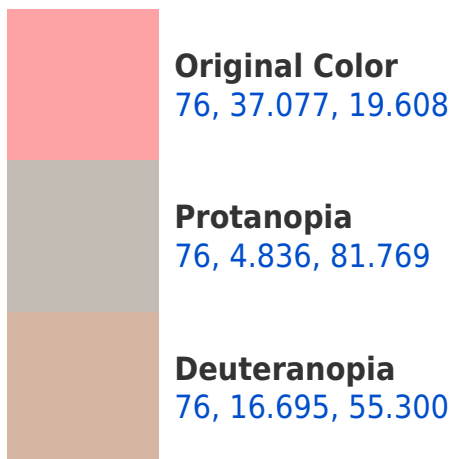


This preview shows how white text looks on a background with the CIELCh color 76, 37.077, 19.608.

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
76, 37.285, 13.230

Trichromacy



Original Color
76, 37.077, 19.608



Protanomaly
76, 14.958, 28.776



Deuteranomaly
76, 23.114, 34.456



Tritanomaly
76, 37.313, 15.667

Monochromacy



Original Color
76, 37.077, 19.608



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.038, 18.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.077, 19.608 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.077, 19.608 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, 166) }
```

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

```
.border{ border-color:rgb(255, 162, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.077, 19.608 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
162, 166) }
```

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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