

Converting Colors

CIELCh(84, 63.652, 23.469)

Have a look what the booklet for
CIELCh(84, 63.652, 23.469) contains.

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Color

CIELCh(76, 37.524, 19.705)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2A6
RGB	255, 162, 166
RGB Percent	100%, 64%, 65%
CMY	0.0000, 0.3658, 0.3502
CMYK	0.00, 0.37, 0.35, 0.00
HSL	357°, 100%, 82%
HSV	357°, 37%, 100%
XYZ	61.2509, 49.8872, 42.3299
YIQ	190.2630, 54.1440, 20.9600

Conversions

Conversions Part 2

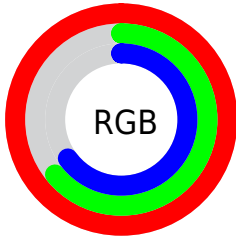
Format	Color
R _Y B	255, 162, 166
Decimal	16753318
CIE Lab	76.00, 35.33, 12.65
CIE LCh	76, 37.524, 19.705
Yxy	49.8872, 0.3991, 0.3251
Android (android.graphics.Color)	4294943398 (0xFFFFA2A6)
YUV	190.2630, -11.9617, 56.7743
Hunter-Lab	70.6309, 31.1907, 13.9085

Details

The CIELCh color **76, 37.524, 19.705** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.325, 193.555**, 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, 48.764, 21.448**, and if you desaturate by 10%, it is **82, 26.150, 18.254**.

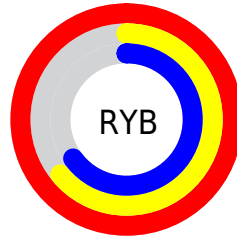
Distribution



Red (100%)

Green (64%)

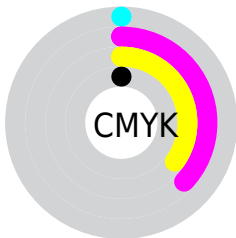
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

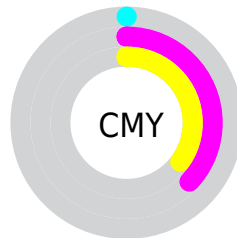


Cyan (0%)

Magenta (37%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.524, 19.705 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, 37.524, 19.705 by changing the saturation by 10% instead.

 76, 37.524, 19.705

 76, 37.524, 19.705

 100, 37.524,
19.705

 66, 37.524, 19.705

 96, 37.524, 19.705

 56, 37.524, 19.705

 46, 37.524, 19.705

 36, 37.524, 19.705

 26, 37.524, 19.705

 16, 37.524, 19.705

 6, 37.524, 19.705

 0, 37.524, 19.705

 76, 37.524, 19.705

 76, 37.524, 19.705

■ 70, 48.764, 21.448

■ 82, 26.150, 18.254

■ 65, 60.570, 23.769

■ 89, 15.737, 17.151

■ 60, 72.264, 26.727

■ 95, 6.021, 16.224

■ 57, 83.410, 30.348

100, 0.012,
296.813

■ 55, 93.428, 34.387

■ 53, 101.118,
38.022

■ 53, 102.949,
38.846

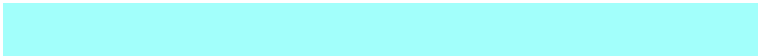
Harmonies

Complementary

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



76, 37.524, 19.705



94, 29.325, 193.555

Rectangle

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



76, 37.524, 19.705



76, 37.524, 69.705



76, 37.524, 199.705



76, 37.524, 249.705

Sweetspot

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



76, 37.206, 19.651



92, 10.226, 16.625



78, 57.427, 324.961



48, 6.905, 16.749



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, 37.206, 19.651



72, 45.742, 20.939



85, 30.563, 65.585



49, 5.256, 16.490



40, 82.402, 38.370



10, 33.021, 25.466

Inverse Universe

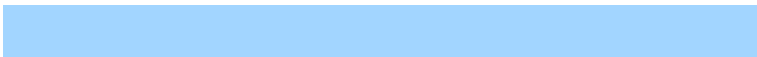
The Inverse Universe completely reimagines the original color for something new.



76, 37.206, 19.651



72, 45.742, 20.939



83, 26.607, 255.768



49, 5.256, 16.490



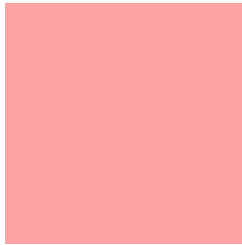
40, 82.402, 38.370



10, 33.021, 25.466

Previews

White Background



This preview shows how the CIELCh color 76, 37.524, 19.705 looks on a white background.

Color Contrast Check

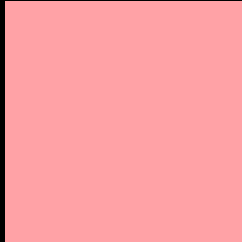
Large Text (above 18pt) WCAG AA × Fail

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, 37.524, 19.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

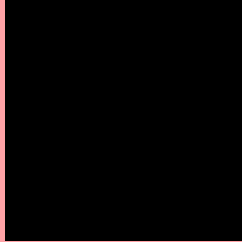
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 37.524, 19.705

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.524, 19.705.

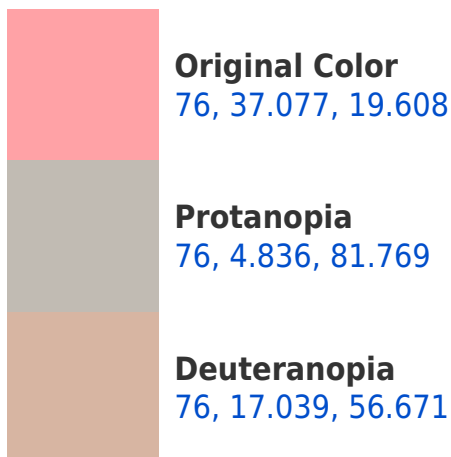


This preview shows how white text looks on a background with the CIELCh color 76, 37.524, 19.705.

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, 23.299, 35.681



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, 37.524, 19.705 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, 37.524, 19.705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

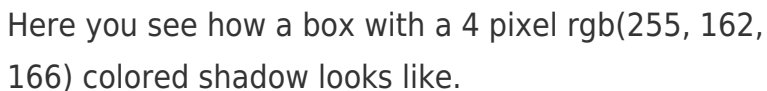
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.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, 37.524, 19.705 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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