

Converting Colors

CIELCh(79, 47.804, 14.396)

Have a look what the booklet for
CIELCh(79, 47.804, 14.396) contains.

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Color

CIELCh(76, 37.784, 10.189)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1B1
RGB	255, 161, 177
RGB Percent	100%, 63%, 69%
CMY	0.0000, 0.3702, 0.3075
CMYK	0.00, 0.37, 0.31, 0.00
HSL	350°, 100%, 81%
HSV	350°, 37%, 100%
XYZ	62.0464, 49.8872, 47.7375
YIQ	190.9300, 50.8880, 24.9040

Conversions

Conversions Part 2

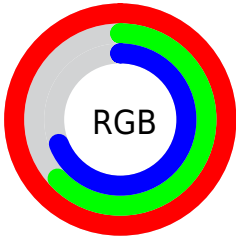
Format	Color
R _Y B	255, 161, 177
Decimal	16753073
CIE _{Lab}	76.00, 37.19, 6.68
CIE _{LCh}	76, 37.784, 10.189
Yxy	49.8872, 0.3886, 0.3124
Android (android.graphics.Color)	4294943153 (0xFFFFA1B1)
YUV	190.9300, -6.8675, 56.1894
Hunter-Lab	70.6309, 33.2009, 9.3692

Details

The CIELCh color **76, 37.784, 10.189** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 31.521, 182.203**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.022, 349.496**, and **56, 37.267, 9.604** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.463, 11.999**, and if you desaturate by 10%, it is **82, 26.788, 8.531**.

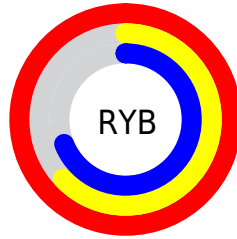
Distribution



Red (100%)

Green (63%)

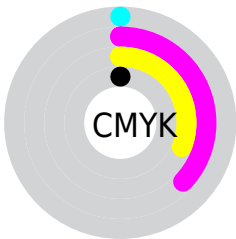
Blue (69%)



Red (100%)

Yellow (63%)

Blue (69%)

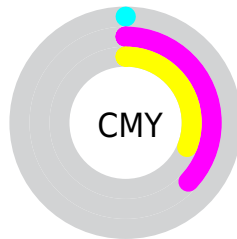


Cyan (0%)

Magenta (37%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.784, 10.189 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, 37.784, 10.189 by changing the saturation by 10% instead.

 76, 37.784, 10.189

 76, 37.784, 10.189

 100, 37.784,
10.189

 66, 37.784, 10.189

 96, 37.784, 10.189

 56, 37.784, 10.189

 46, 37.784, 10.189

 36, 37.784, 10.189

 26, 37.784, 10.189

 16, 37.784, 10.189

 6, 37.784, 10.189

 0, 37.784, 10.189

 76, 37.784, 10.189

 76, 37.784, 10.189

70, 48.463, 11.999

82, 26.788, 8.531

65, 59.256, 14.430

89, 16.438, 7.260

61, 69.506, 17.520

95, 6.592, 6.158

57, 78.822, 21.403

100, 0.012,
296.813

55, 86.972, 26.095

54, 93.931, 31.298

53, 95.878, 32.759

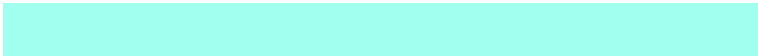
Harmonies

Complementary

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



76, 37.784, 10.189



94, 31.521, 182.203

Rectangle

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



76, 37.784, 10.189



76, 37.784, 60.189



76, 37.784, 190.189



76, 37.784, 240.189

Sweetspot

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



76, 37.533, 10.076



93, 10.445, 6.587



76, 56.417, 320.966



48, 7.045, 6.734



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, 37.533, 10.076



72, 45.158, 11.371



82, 30.967, 51.219



50, 5.376, 6.426



40, 76.485, 31.794



10, 32.165, 20.184

Inverse Universe

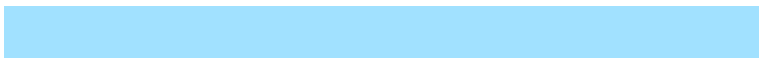
The Inverse Universe completely reimagines the original color for something new.



76, 37.533, 10.076



72, 45.158, 11.371



86, 24.727, 238.022



50, 5.376, 6.426



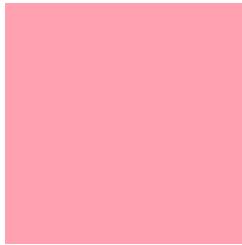
40, 76.485, 31.794



10, 32.165, 20.184

Previews

White Background



This preview shows how the CIELCh color 76, 37.784, 10.189 looks on a white background.

Color Contrast Check

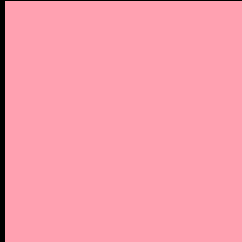
Large Text (above 18pt) WCAG AA × Fail

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, 37.784, 10.189 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, 37.784, 10.189

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.784, 10.189.

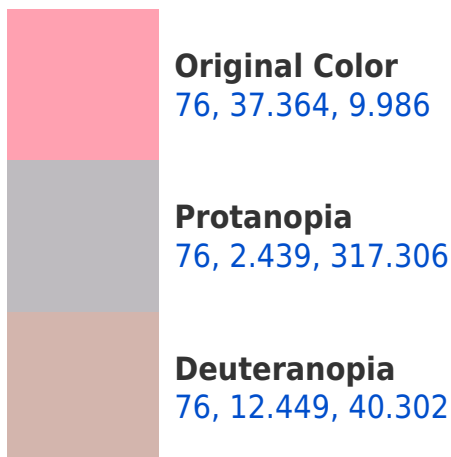


This preview shows how white text looks on a background with the CIELCh color 76, 37.784, 10.189.

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, 37.364, 9.986



Protanomaly
76, 14.823, 1.726



Deuteranomaly
76, 20.728, 21.172



Tritanomaly
76, 37.292, 12.418

Monochromacy



Original Color
76, 37.364, 9.986



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.286, 6.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.784, 10.189 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, 161, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 177)  
}
```

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, 161, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.784, 10.189 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, 161, 177) }
```

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

```
.border{ border-color:rgb(255, 161, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 161, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 161, 177); box-shadow:4px 4px 4px 4px rgb(255, 161, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.784, 10.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 177) }
```

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

```
.background{ background-color: rgb(255,  
161, 177) }
```

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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