

Converting Colors

CIELCh(76, 37.454, 10.102)

Have a look what the booklet for
CIELCh(76, 37.454, 10.102) contains.

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Color

CIELCh(76, 37.364, 9.986)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1B1
RGB	255, 161, 177
RGB Percent	100%, 63%, 69%
CMY	0.0003, 0.3688, 0.3061
CMYK	0.00, 0.37, 0.31, 0.00
HSL	350°, 100%, 82%
HSV	350°, 37%, 100%
XYZ	61.8791, 49.8872, 47.9306
YIQ	190.9300, 50.8880, 24.9040

Conversions

Conversions Part 2

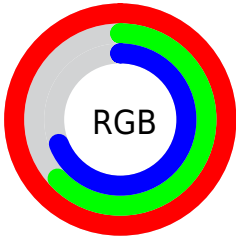
Format	Color
R_{YB}	255, 161, 177
Decimal	16753073
CIE _{Lab}	76.00, 36.80, 6.48
CIE _{LCh}	76, 37.364, 9.986
Yxy	49.8872, 0.3875, 0.3124
Android (android.graphics.Color)	4294943153 (0xFFFFA1B1)
YUV	190.9300, -6.8675, 56.1894
Hunter-Lab	70.6309, 32.7781, 9.2070

Details

The CIELCh color $76, 37.364, 9.986$ is a light color, and the websafe version is hex `FF9999`. A complement of this color would be $94, 31.415, 182.152$, 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 $70, 48.285, 11.905$, and if you desaturate by 10%, it is $82, 26.624, 8.448$.

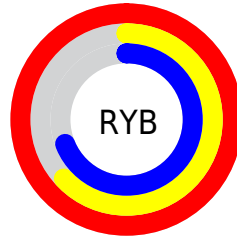
Distribution



Red (100%)

Green (63%)

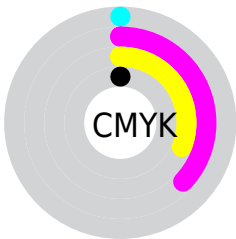
Blue (69%)



Red (100%)

Yellow (63%)

Blue (69%)

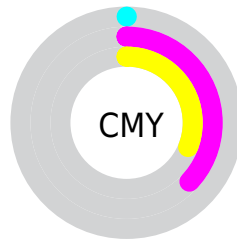


Cyan (0%)

Magenta (37%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.364, 9.986 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, 37.364, 9.986 by changing the saturation by 10% instead.

 76, 37.364, 9.986  76, 37.364, 9.986

 100, 37.364, 9.986  66, 37.364, 9.986

 96, 37.364, 9.986  56, 37.364, 9.986

 46, 37.364, 9.986

 36, 37.364, 9.986

 26, 37.364, 9.986

 16, 37.364, 9.986

 6, 37.364, 9.986

 0, 37.364, 9.986

 76, 37.364, 9.986  76, 37.364, 9.986

70, 48.285, 11.905

82, 26.624, 8.448

65, 59.076, 14.327

89, 16.283, 7.180

61, 69.328, 17.404

95, 6.445, 6.079

57, 78.647, 21.275

100, 0.025,
227.364

55, 86.801, 25.957

54, 93.763, 31.163

53, 95.806, 32.705

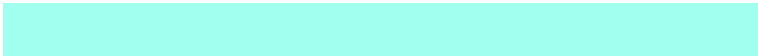
Harmonies

Complementary

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



76, 37.364, 9.986



94, 31.415, 182.152

Rectangle

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



76, 37.364, 9.986



76, 37.364, 59.986



76, 37.364, 189.986



76, 37.364, 239.986

Sweetspot

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



76, 37.361, 9.989



93, 10.447, 6.525



77, 56.174, 320.959



48, 7.047, 6.673



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, 37.361, 9.989



72, 45.159, 11.311



82, 30.814, 51.226



50, 5.377, 6.364



40, 76.444, 31.739



10, 32.161, 20.149

Inverse Universe

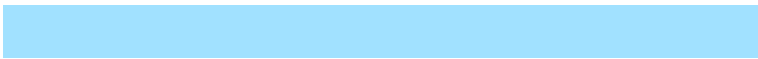
The Inverse Universe completely reimagines the original color for something new.



76, 37.361, 9.989



72, 45.159, 11.311



86, 24.631, 237.995



50, 5.377, 6.364



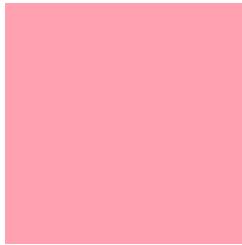
40, 76.444, 31.739



10, 32.161, 20.149

Previews

White Background



This preview shows how the CIELCh color 76, 37.364, 9.986 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 76, 37.364, 9.986 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, 37.364, 9.986

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.364, 9.986.



This preview shows how white text looks on a background with the CIELCh color 76, 37.364, 9.986.

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

76, 37.364, 9.986

Protanopia

76, 2.439, 317.306

Deuteranopia

76, 12.449, 40.302



Tritanopia
76, 37.292, 12.418

Trichromacy



Original Color
76, 37.364, 9.986



Protanomaly
76, 14.299, 3.222



Deuteranomaly
76, 20.728, 21.172



Tritanomaly
76, 37.308, 11.606

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, 37.364, 9.986 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, 37.364, 9.986 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, 37.364, 9.986 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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