

Converting Colors

CIELCh(76, 38.249, 8.220)

Have a look what the booklet for
CIELCh(76, 38.249, 8.220) contains.

CIELCh(76, 37.921, 7.797)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 37.921, 7.797)

Conversions

Conversions Part 1

Format	Color
Hex	FFA0B3
RGB	255, 160, 179
RGB Percent	100%, 63%, 70%
CMY	0.0000, 0.3710, 0.2965
CMYK	0.00, 0.37, 0.30, 0.00
HSL	348°, 100%, 81%
HSV	348°, 37%, 100%
XYZ	62.2106, 49.8872, 49.2032
YIQ	190.5710, 50.5210, 26.0490

Conversions

Conversions Part 2

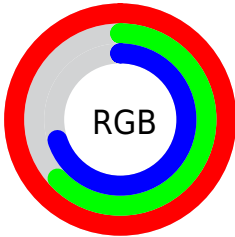
Format	Color
R _Y B	255, 160, 179
Decimal	16752819
CIE Lab	76.00, 37.57, 5.14
CIE LCh	76, 37.921, 7.797
Yxy	49.8872, 0.3857, 0.3093
Android (android.graphics.Color)	4294942899 (0xFFFFA0B3)
YUV	190.5710, -5.7045, 56.5042
Hunter-Lab	70.6309, 33.6159, 8.1388

Details

The CIELCh color **76, 37.921, 7.797** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.212, 179.619**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 17.141, 345.666**, and **56, 37.778, 8.168** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.585, 9.629**, and if you desaturate by 10%, it is **82, 27.041, 6.164**.

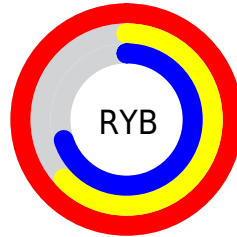
Distribution



Red (100%)

Green (63%)

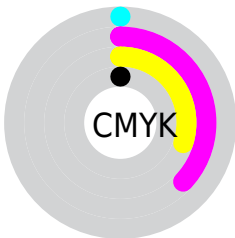
Blue (70%)



Red (100%)

Yellow (63%)

Blue (70%)

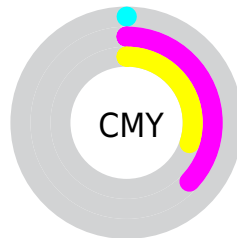


Cyan (0%)

Magenta (37%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.921, 7.797 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, 37.921, 7.797 by changing the saturation by 10% instead.

 76, 37.921, 7.797

 76, 37.921, 7.797

 100, 37.921, 7.797

 66, 37.921, 7.797

 96, 37.921, 7.797

 56, 37.921, 7.797

 46, 37.921, 7.797

 36, 37.921, 7.797

 26, 37.921, 7.797

 16, 37.921, 7.797

 6, 37.921, 7.797

 0, 37.921, 7.797

 76, 37.921, 7.797

 76, 37.921, 7.797

70, 48.585, 9.629

82, 27.041, 6.164

65, 59.182, 12.040

89, 16.660, 4.881

61, 69.124, 15.101

95, 6.739, 3.763

57, 78.009, 18.964

100, 0.012,
296.813

55, 85.626, 23.686

54, 92.067, 29.052

53, 93.859, 30.563

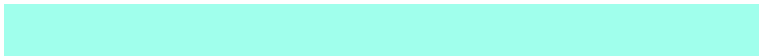
Harmonies

Complementary

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



76, 37.921, 7.797



94, 32.212, 179.619

Rectangle

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



76, 37.921, 7.797



76, 37.921, 57.797



76, 37.921, 187.797



76, 37.921, 237.797

Sweetspot

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



76, 37.758, 7.714



93, 10.549, 4.190



76, 56.156, 319.941



48, 7.113, 4.340



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, 37.758, 7.714



71, 46.317, 9.190



82, 31.353, 47.709



50, 5.431, 4.027



40, 74.908, 29.539



10, 31.980, 18.696

Inverse Universe

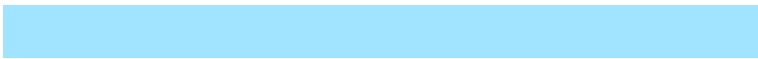
The Inverse Universe completely reimagines the original color for something new.



76, 37.758, 7.714



71, 46.317, 9.190



87, 24.620, 233.278



50, 5.431, 4.027



40, 74.908, 29.539



10, 31.980, 18.696

Previews

White Background



This preview shows how the CIELCh color 76, 37.921, 7.797 looks on a white background.

Color Contrast Check

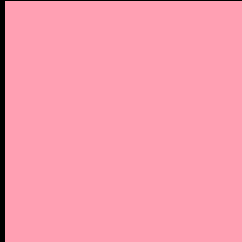
Large Text (above 18pt) WCAG AA × Fail

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, 37.921, 7.797 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, 37.921, 7.797

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.921, 7.797.



This preview shows how white text looks on a background with the CIELCh color 76, 37.921, 7.797.

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, 37.921, 7.797

Protanopia

76, 3.854, 301.462

Deuteranopia

76, 11.524, 33.636



Tritanopia
76, 36.894, 13.082

Trichromacy



Original Color
76, 37.921, 7.797



Protanomaly
76, 15.004, 355.333



Deuteranomaly
76, 20.245, 16.641



Tritanomaly
76, 36.921, 11.440

Monochromacy



Original Color
76, 37.921, 7.797



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.402, 4.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.921, 7.797 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, 160, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 179)  
}
```

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, 160, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.921, 7.797 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, 160, 179) }
```

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

```
.border{ border-color:rgb(255, 160, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 160, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 160, 179); box-shadow:4px 4px 4px 4px rgb(255, 160, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.921, 7.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 179) }
```

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

```
.background{ background-color: rgb(255,  
160, 179) }
```

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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