

Converting Colors

CIELCh(84, 61.462, 16.203)

Have a look what the booklet for
CIELCh(84, 61.462, 16.203) contains.

CIELCh(76, 37.509, 7.570)	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, 37.509, 7.570)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1B4
RGB	255, 161, 180
RGB Percent	100%, 63%, 71%
CMY	0.0011, 0.3696, 0.2951
CMYK	0.00, 0.37, 0.29, 0.00
HSL	348°, 99%, 81%
HSV	348°, 37%, 100%
XYZ	62.0438, 49.8872, 49.3988
YIQ	191.2720, 49.9250, 25.8370

Conversions

Conversions Part 2

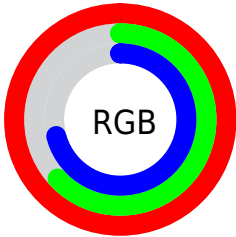
Format	Color
R _Y B	255, 161, 180
Decimal	16753076
CIE Lab	76.00, 37.18, 4.94
CIE LCh	76, 37.509, 7.570
Yxy	49.8872, 0.3846, 0.3092
Android (android.graphics.Color)	4294943156 (0xFFFFA1B4)
YUV	191.2720, -5.5571, 55.8895
Hunter-Lab	70.6309, 33.1944, 7.9746

Details

The CIELCh color **76, 37.509, 7.570** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.050, 179.530**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.833, 344.916**, and **56, 37.343, 7.884** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.320, 9.479**, and if you desaturate by 10%, it is **82, 26.805, 6.031**.

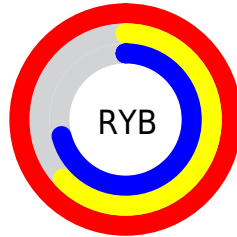
Distribution



Red (100%)

Green (63%)

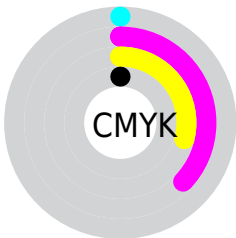
Blue (71%)



Red (100%)

Yellow (63%)

Blue (71%)

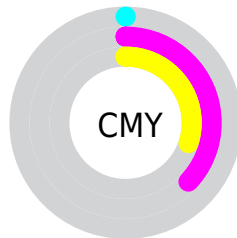


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.509, 7.570 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, 37.509, 7.570 by changing the saturation by 10% instead.

 76, 37.509, 7.570  76, 37.509, 7.570

 100, 37.509, 7.570  66, 37.509, 7.570

 96, 37.509, 7.570  56, 37.509, 7.570

 46, 37.509, 7.570

 36, 37.509, 7.570

 26, 37.509, 7.570

 16, 37.509, 7.570

 6, 37.509, 7.570

 0, 37.509, 7.570

 76, 37.509, 7.570

 76, 37.509, 7.570

70, 48.320, 9.479

82, 26.805, 6.031

65, 58.908, 11.876

89, 16.440, 4.752

61, 68.847, 14.919

95, 6.535, 3.635

57, 77.731, 18.762

100, 0.100,
206.037

55, 85.345, 23.466

54, 91.776, 28.831

53, 93.688, 30.457

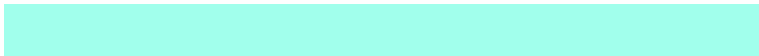
Harmonies

Complementary

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



76, 37.509, 7.570



94, 32.050, 179.530

Rectangle

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



76, 37.509, 7.570



76, 37.509, 57.570



76, 37.509, 187.570



76, 37.509, 237.570

Sweetspot

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



76, 37.506, 7.573



93, 10.554, 4.085



76, 55.792, 319.932



48, 7.116, 4.235



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, 37.506, 7.573



72, 45.240, 8.884



82, 31.122, 47.715



50, 5.433, 3.922



40, 74.840, 29.435



10, 31.971, 18.626

Inverse Universe

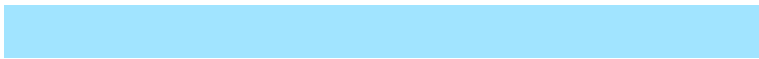
The Inverse Universe completely reimagines the original color for something new.



76, 37.506, 7.573



72, 45.240, 8.884



87, 24.478, 233.246



50, 5.433, 3.922



40, 74.840, 29.435



10, 31.971, 18.626

Previews

White Background



This preview shows how the CIELCh color 76, 37.509, 7.570 looks on a white background.

Color Contrast Check

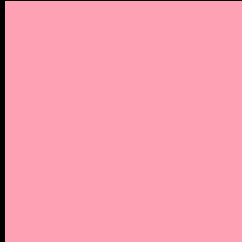
Large Text (above 18pt) WCAG AA × Fail

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, 37.509, 7.570 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, 37.509, 7.570

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.509, 7.570.

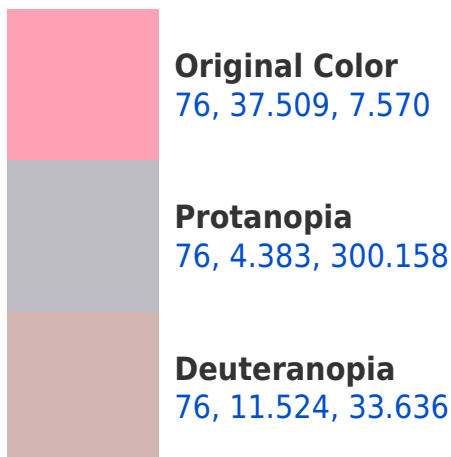


This preview shows how white text looks on a background with the CIELCh color 76, 37.509, 7.570.

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, 36.464, 12.909

Trichromacy



Original Color
76, 37.509, 7.570



Protanomaly
76, 15.004, 355.333



Deuteranomaly
76, 20.245, 16.641



Tritanomaly
76, 36.496, 11.249

Monochromacy



Original Color
76, 37.509, 7.570



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, 37.509, 7.570 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.509, 7.570 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, 180) }
```

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

```
.border{ border-color:rgb(255, 161, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 161, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 161, 180); box-shadow:4px 4px 4px 4px rgb(255, 161, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.509, 7.570 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
161, 180) }
```

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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