

# Converting Colors

CIELCh(77, 34.821, 9.317)

Have a look what the booklet for  
CIELCh(77, 34.821, 9.317) contains.

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# **Color**

**CIELCh(77, 34.847, 9.596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEA6B5
RGB	254, 166, 181
RGB Percent	100%, 65%, 71%
CMY	0.0050, 0.3499, 0.2911
CMYK	0.00, 0.35, 0.29, 0.00
HSL	350°, 97%, 82%
HSV	350°, 35%, 100%
XYZ	62.6844, 51.5317, 50.2294
YIQ	194.0220, 47.6330, 23.3210

# Conversions

## Conversions Part 2

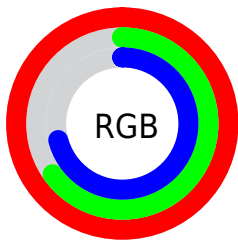
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	254, 166, 181
Decimal	16688821
CIE Lab	77.00, 34.36, 5.81
CIE LCh	77, 34.847, 9.596
Yxy	51.5317, 0.3812, 0.3134
Android (android.graphics.Color)	4294878901 (0xFFFEA6B5)
YUV	194.0220, -6.4198, 52.6007
Hunter-Lab	71.7856, 30.2443, 8.7639

# Details

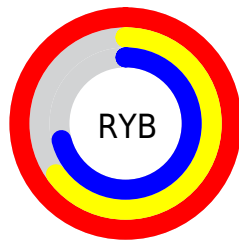
The CIELCh color **77, 34.847, 9.596** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.637, 182.352**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.166, 347.300**, and **57, 34.595, 9.834** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.708, 11.422**, and if you desaturate by 10%, it is **83, 24.221, 8.127**.

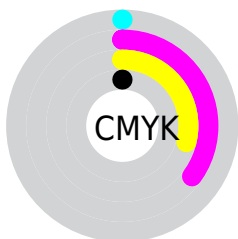
# Distribution



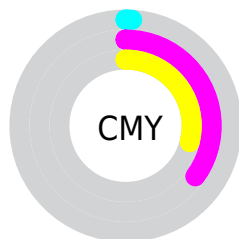
- Red (100%)
- Green (65%)
- Blue (71%)



- Red (100%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (35%)
- Yellow (29%)
- Black (0%)



- Cyan (1%)
- Magenta (35%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.847, 9.596 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 77, 34.847, 9.596 by changing the saturation by 10% instead.



 77, 34.847, 9.596       77, 34.847, 9.596

 100, 34.847, 9.596       67, 34.847, 9.596

 97, 34.847, 9.596       57, 34.847, 9.596

 47, 34.847, 9.596

 37, 34.847, 9.596

 27, 34.847, 9.596

 17, 34.847, 9.596

 7, 34.847, 9.596

 0, 34.847, 9.596

 77, 34.847, 9.596       77, 34.847, 9.596

71, 45.708, 11.422

83, 24.221, 8.127

66, 56.518, 13.719

90, 14.023, 6.907

61, 66.883, 16.637

96, 4.340, 5.805

58, 76.397, 20.322

100, 0.439,  
200.887

55, 84.781, 24.834

54, 91.971, 29.975

53, 95.433, 32.672

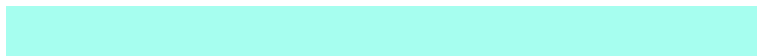
# Harmonies

# Complementary

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



77, 34.847, 9.596



94, 29.637, 182.352

# Rectangle

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



77, 34.847, 9.596



77, 34.847, 59.596



77, 34.847, 189.596



77, 34.847, 239.596

# Sweetspot

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



77, 34.844, 9.599



93, 9.471, 6.396



78, 52.653, 320.866



49, 6.488, 6.547



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 34.844, 9.599



73, 42.971, 10.897



83, 28.622, 51.338



50, 5.377, 6.342



40, 76.429, 31.720



10, 32.159, 20.136





# Inverse Universe

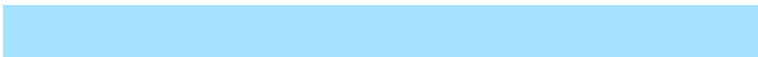
The Inverse Universe completely reimagines the original color for something new.



77, 34.844, 9.599



73, 42.971, 10.897



87, 23.235, 237.619



50, 5.377, 6.342



40, 76.429, 31.720



10, 32.159, 20.136



# Previews

## White Background



This preview shows how the CIELCh color 77, 34.847, 9.596 looks on a white background.

## Color Contrast Check

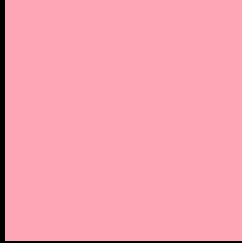
Large Text (above 18pt) WCAG AA × Fail

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 77, 34.847, 9.596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

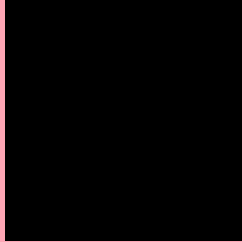
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 77, 34.847, 9.596

## Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.847, 9.596.

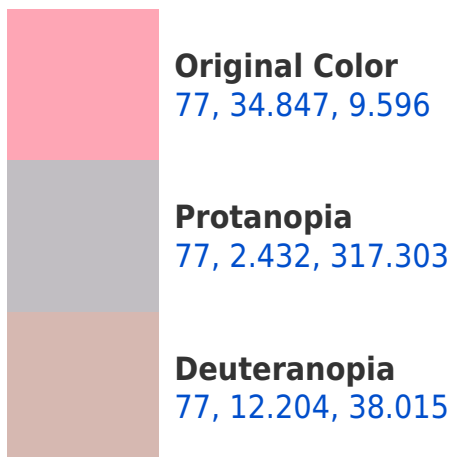


This preview shows how white text looks on a background with the CIELCh color 77, 34.847, 9.596.

# 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

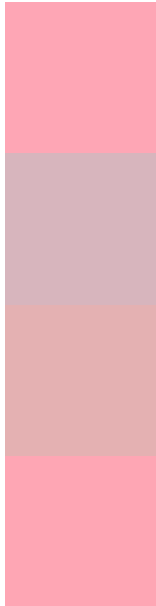




**Tritanopia**  
77, 34.776, 11.328



# Trichromacy



**Original Color**  
77, 34.847, 9.596

**Protanomaly**  
77, 13.524, 2.139

**Deuteranomaly**  
77, 19.814, 19.546

**Tritanomaly**  
77, 34.807, 10.461

# Monochromacy



**Original Color**  
77, 34.847, 9.596

**Achromatopsia**  
78, 0.009, 296.813

**Achromatomaly**  
78, 12.382, 8.004

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 77, 34.847, 9.596 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(254, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 181)  
}
```

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(254, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 181) }
```

## Border

The CSS property to change the border of an element to CIELCh 77, 34.847, 9.596 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(254, 166, 181) }
```

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

```
.border{ border-color:rgb(254, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
181) }
```

# Background

The CSS property to change the background color of an element to CIELCh 77, 34.847, 9.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 166, 181) }
```

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

```
.background{ background-color: rgb(254,  
166, 181) }
```

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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