

Converting Colors

CIELCh(87, 64.499, 19.536)

Have a look what the booklet for
CIELCh(87, 64.499, 19.536) contains.

CIELCh(77, 34.740, 11.307)	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(77, 34.740, 11.307)

Conversions

Conversions Part 1

Format	Color
Hex	FEA6B3
RGB	254, 166, 179
RGB Percent	100%, 65%, 70%
CMY	0.0046, 0.3493, 0.2983
CMYK	0.00, 0.35, 0.30, 0.00
HSL	351°, 97%, 82%
HSV	351°, 35%, 100%
XYZ	62.5576, 51.5317, 49.2583
YIQ	193.7940, 48.2750, 22.6990

Conversions

Conversions Part 2

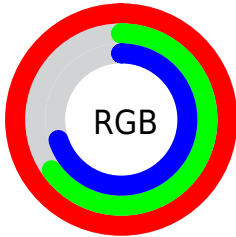
Format	Color
R _Y B	254, 166, 179
Decimal	16688819
CIE Lab	77.00, 34.07, 6.81
CIE LCh	77, 34.740, 11.307
Yxy	51.5317, 0.3830, 0.3155
Android (android.graphics.Color)	4294878899 (0xFFFEA6B3)
YUV	193.7940, -7.2934, 52.8007
Hunter-Lab	71.7856, 29.9290, 9.5659

Details

The CIELCh color **77, 34.740, 11.307** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.234, 184.252**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.654, 350.969**, and **57, 34.552, 11.687** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.677, 13.129**, and if you desaturate by 10%, it is **83, 24.090, 9.849**.

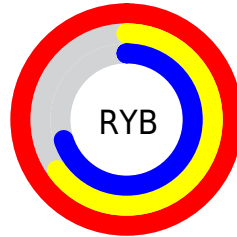
Distribution



Red (100%)

Green (65%)

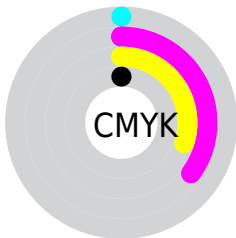
Blue (70%)



Red (100%)

Yellow (65%)

Blue (70%)

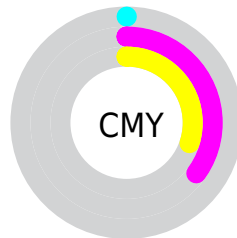


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.740, 11.307 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, 34.740, 11.307 by changing the saturation by 10% instead.

 77, 34.740, 11.307

 77, 34.740, 11.307

 100, 34.740,
11.307

 67, 34.740, 11.307

 97, 34.740, 11.307

 57, 34.740, 11.307

 47, 34.740, 11.307

 37, 34.740, 11.307

 27, 34.740, 11.307

 17, 34.740, 11.307

 7, 34.740, 11.307

 0, 34.740, 11.307

 77, 34.740, 11.307

 77, 34.740, 11.307

71, 45.677, 13.129

83, 24.090, 9.849

66, 56.627, 15.429

90, 13.907, 8.645

61, 67.209, 18.355

96, 4.271, 7.559

58, 77.022, 22.043

100, 0.410,
200.994

55, 85.774, 26.521

54, 93.317, 31.533

53, 96.909, 34.111

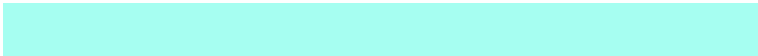
Harmonies

Complementary

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



77, 34.740, 11.307



94, 29.234, 184.252

Rectangle

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



77, 34.740, 11.307



77, 34.740, 61.307



77, 34.740, 191.307



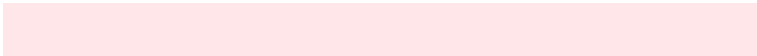
77, 34.740, 241.307

Sweetspot

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



77, 34.737, 11.310



93, 9.413, 8.146



78, 52.988, 321.881



49, 6.449, 8.296



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, 34.737, 11.310



73, 42.950, 12.612



84, 28.431, 54.951



50, 5.344, 8.094



40, 77.585, 33.211



10, 32.292, 21.106

Inverse Universe

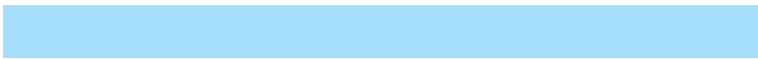
The Inverse Universe completely reimagines the original color for something new.



77, 34.737, 11.310



73, 42.950, 12.612



86, 23.488, 242.260



50, 5.344, 8.094



40, 77.585, 33.211



10, 32.292, 21.106

Previews

White Background



This preview shows how the CIELCh color 77, 34.740, 11.307 looks on a white background.

Color Contrast Check

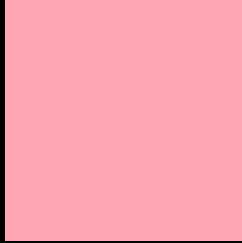
Large Text (above 18pt) WCAG AA × Fail

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, 34.740, 11.307 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, 34.740, 11.307

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.740, 11.307.

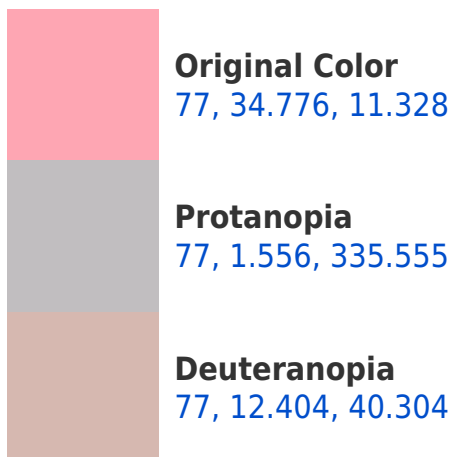


This preview shows how white text looks on a background with the CIELCh color 77, 34.740, 11.307.

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](#).

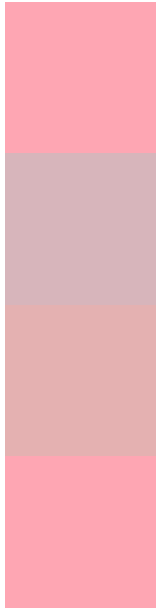
Dichromacy





Tritanopia
77, 34.776, 11.328

Trichromacy



Original Color
77, 34.776, 11.328

Protanomaly
77, 13.272, 6.559

Deuteranomaly
77, 19.854, 21.073

Tritanomaly
77, 34.776, 11.328

Monochromacy



Original Color
77, 34.776, 11.328

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, 34.740, 11.307 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 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(254, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.740, 11.307 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, 179) }
```

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

```
.border{ border-color:rgb(254, 166, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.740, 11.307 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, 179) }
```

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

```
.background{ background-color: rgb(254,  
166, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor