

Converting Colors

CIELCh(81, 45.917, 13.080)

Have a look what the booklet for
CIELCh(81, 45.917, 13.080) contains.

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Color

CIELCh(77, 34.917, 7.853)

Conversions

Conversions Part 1

Format	Color
Hex	FEA6B7
RGB	254, 166, 183
RGB Percent	100%, 65%, 72%
CMY	0.0058, 0.3504, 0.2837
CMYK	0.00, 0.35, 0.28, 0.01
HSL	348°, 97%, 82%
HSV	348°, 35%, 99%
XYZ	62.7839, 51.5317, 51.2485
YIQ	194.2500, 46.9910, 23.9430

Conversions

Conversions Part 2

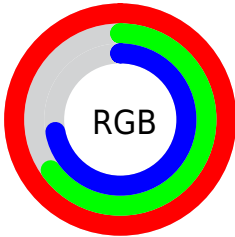
Format	Color
R_{YB}	254, 166, 183
Decimal	16688823
CIE _{Lab}	77.00, 34.59, 4.77
CIE _{LCh}	77, 34.917, 7.853
Yxy	51.5317, 0.3792, 0.3112
Android (android.graphics.Color)	4294878903 (0xFFFEA6B7)
YUV	194.2500, -5.5462, 52.4008
Hunter-Lab	71.7856, 30.4917, 7.9221

Details

The CIELCh color **77, 34.917, 7.853** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 30.024, 180.472**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.734, 343.907**, and **57, 35.071, 8.234** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.708, 9.674**, and if you desaturate by 10%, it is **83, 24.311, 6.381**.

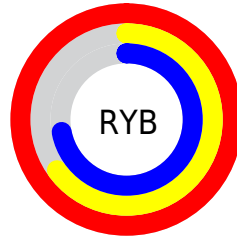
Distribution



Red (100%)

Green (65%)

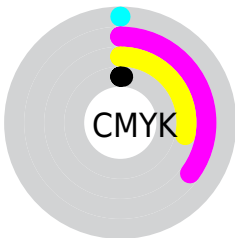
Blue (72%)



Red (100%)

Yellow (65%)

Blue (72%)

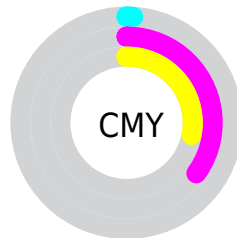


Cyan (0%)

Magenta (35%)

Yellow (28%)

Black (1%)



Cyan (1%)

Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.917, 7.853 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, 34.917, 7.853 by changing the saturation by 10% instead.

 77, 34.917, 7.853

 77, 34.917, 7.853

 100, 34.917, 7.853

 67, 34.917, 7.853

 97, 34.917, 7.853

 57, 34.917, 7.853

 47, 34.917, 7.853

 37, 34.917, 7.853

 27, 34.917, 7.853

 17, 34.917, 7.853

 7, 34.917, 7.853

 0, 34.917, 7.853

 77, 34.917, 7.853

 77, 34.917, 7.853

71, 45.708, 9.674

83, 24.311, 6.381

66, 56.385, 11.955

90, 14.093, 5.152

61, 66.543, 14.849

96, 4.361, 4.037

58, 75.764, 18.512

100, 0.512,
200.667

55, 83.777, 23.029

54, 90.578, 28.261

53, 93.896, 31.078

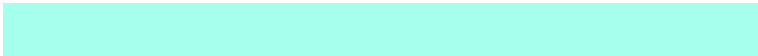
Harmonies

Complementary

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



77, 34.917, 7.853



94, 30.024, 180.472

Rectangle

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



77, 34.917, 7.853



77, 34.917, 57.853



77, 34.917, 187.853



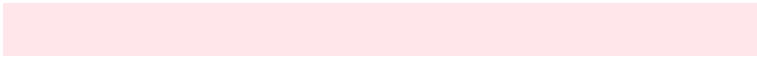
77, 34.917, 237.853

Sweetspot

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



77, 34.914, 7.856



93, 9.540, 4.636



77, 52.413, 320.353



49, 6.534, 4.789



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, 34.914, 7.856



73, 43.037, 9.153



83, 28.714, 49.552



50, 5.417, 4.582



40, 75.270, 30.084



10, 32.023, 19.060

Inverse Universe

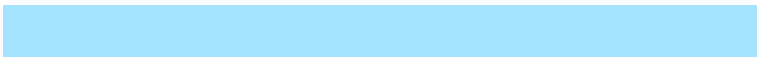
The Inverse Universe completely reimagines the original color for something new.



77, 34.914, 7.856



73, 43.037, 9.153



87, 23.132, 235.267



50, 5.417, 4.582



40, 75.270, 30.084



10, 32.023, 19.060

Previews

White Background



This preview shows how the CIELCh color 77, 34.917, 7.853 looks on a white background.

Color Contrast Check

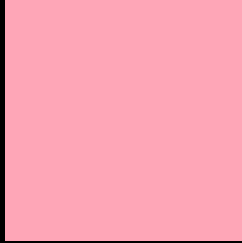
Large Text (above 18pt) WCAG AA × Fail

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, 34.917, 7.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

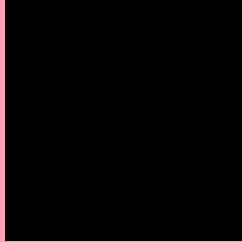
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 34.917, 7.853

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.917, 7.853.



This preview shows how white text looks on a background with the CIELCh color 77, 34.917, 7.853.

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

77, 34.952, 7.874

Protanopia

77, 3.936, 306.679

Deuteranopia

77, 11.483, 33.631



Tritanopia
77, 34.390, 11.155

Trichromacy



Original Color
77, 34.952, 7.874



Protanomaly
77, 13.505, 357.242



Deuteranomaly
77, 19.780, 16.481



Tritanomaly
77, 34.423, 10.279

Monochromacy



Original Color
77, 34.952, 7.874



Achromatopsia
78, 0.009, 296.813



Achromatomaly
78, 12.486, 5.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.917, 7.853 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.917, 7.853 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, 183) }
```

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

```
.border{ border-color:rgb(254, 166, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 183);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.917, 7.853 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, 183) }
```

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

```
.background{ background-color: rgb(254,  
166, 183) }
```

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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