

Converting Colors

CIELCh(77, 34.988, 10.477)

Have a look what the booklet for
CIELCh(77, 34.988, 10.477) contains.

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Color

CIELCh(77, 34.807, 10.461)

Conversions

Conversions Part 1

Format	Color
Hex	FEA6B4
RGB	254, 166, 180
RGB Percent	100%, 65%, 71%
CMY	0.0047, 0.3497, 0.2948
CMYK	0.00, 0.35, 0.29, 0.00
HSL	350°, 97%, 82%
HSV	350°, 35%, 100%
XYZ	62.6278, 51.5317, 49.7329
YIQ	193.9080, 47.9540, 23.0100

Conversions

Conversions Part 2

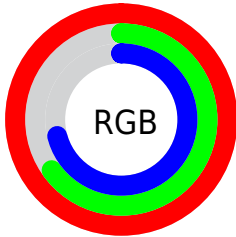
Format	Color
RYB	254, 166, 180
Decimal	16688820
CIELab	77.00, 34.23, 6.32
CIElCh	77, 34.807, 10.461
Yxy	51.5317, 0.3821, 0.3144
Android (android.graphics.Color)	4294878900 (0xFFFEA6B4)
YUV	193.9080, -6.8566, 52.7007
Hunter-Lab	71.7856, 30.1037, 9.1739

Details

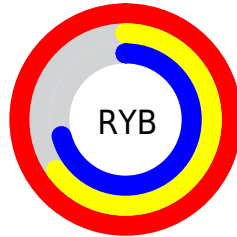
The CIELCh color **77, 34.807, 10.461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.443, 183.304**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.903, 349.100**, and **57, 34.569, 10.760** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.706, 12.287**, and if you desaturate by 10%, it is **83, 24.169, 8.996**.

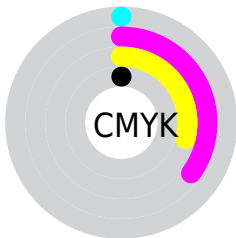
Distribution



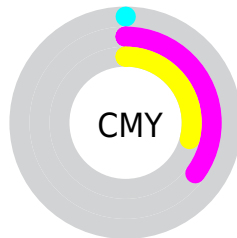
- Red (100%)
- Green (65%)
- Blue (71%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.807, 10.461 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, 34.807, 10.461 by changing the saturation by 10% instead.

 77, 34.807, 10.461

 77, 34.807, 10.461

 100, 34.807,
10.461

 67, 34.807, 10.461

 97, 34.807, 10.461

 57, 34.807, 10.461

 47, 34.807, 10.461

 37, 34.807, 10.461

 27, 34.807, 10.461

 17, 34.807, 10.461

 7, 34.807, 10.461

 0, 34.807, 10.461

 77, 34.807, 10.461

 77, 34.807, 10.461

71, 45.706, 12.287

83, 24.169, 8.996

66, 56.586, 14.587

90, 13.978, 7.783

61, 67.059, 17.511

96, 4.318, 6.689

58, 76.723, 21.201

100, 0.414,
200.980

55, 85.292, 25.700

54, 92.664, 30.781

53, 96.189, 33.415

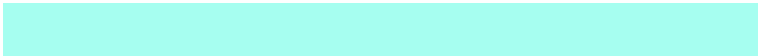
Harmonies

Complementary

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



77, 34.807, 10.461



94, 29.443, 183.304

Rectangle

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



77, 34.807, 10.461



77, 34.807, 60.461



77, 34.807, 190.461



77, 34.807, 240.461

Sweetspot

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



77, 34.804, 10.464



93, 9.441, 7.277



78, 52.845, 321.375



49, 6.467, 7.427



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, 34.804, 10.464



73, 42.955, 11.762



83, 28.527, 53.139



50, 5.360, 7.224



40, 77.012, 32.487



10, 32.226, 20.633

Inverse Universe

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



77, 34.804, 10.464



73, 42.955, 11.762



86, 23.354, 239.953



50, 5.360, 7.224



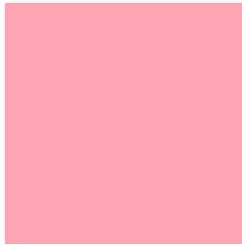
40, 77.012, 32.487



10, 32.226, 20.633

Previews

White Background



This preview shows how the CIELCh color 77, 34.807, 10.461 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, 34.807, 10.461 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, 34.807, 10.461

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.807, 10.461.

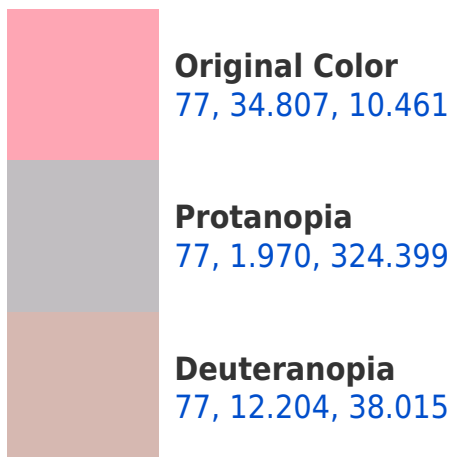


This preview shows how white text looks on a background with the CIELCh color 77, 34.807, 10.461.

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, 34.807, 10.461



Protanomaly
77, 13.388, 4.328



Deuteranomaly
77, 19.814, 19.546



Tritanomaly
77, 34.776, 11.328

Monochromacy



Original Color
77, 34.807, 10.461



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, 34.807, 10.461 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 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(254, 166, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.807, 10.461 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, 180) }
```

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

```
.border{ border-color:rgb(254, 166, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.807, 10.461 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, 180) }
```

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

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