

Converting Colors

CIELCh(77, 34.775, 17.145)

Have a look what the booklet for
CIELCh(77, 34.775, 17.145) contains.

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Color

CIELCh(77, 34.776, 16.544)

Conversions

Conversions Part 1

Format	Color
Hex	FEA6AD
RGB	254, 166, 173
RGB Percent	100%, 65%, 68%
CMY	0.0027, 0.3479, 0.3205
CMYK	0.00, 0.35, 0.32, 0.00
HSL	355°, 98%, 82%
HSV	355°, 35%, 100%
XYZ	62.2434, 51.5317, 46.3426
YIQ	193.1100, 50.2010, 20.8330

Conversions

Conversions Part 2

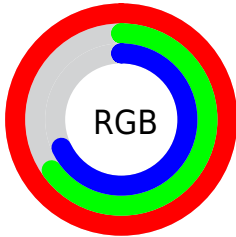
Format	Color
RYB	254, 166, 173
Decimal	16688813
CIELab	77.00, 33.34, 9.90
CIELCh	77, 34.776, 16.544
Yxy	51.5317, 0.3887, 0.3218
Android (android.graphics.Color)	4294878893 (0xFFFEA6AD)
YUV	193.1100, -9.9142, 53.4005
Hunter-Lab	71.7856, 29.1477, 11.9742

Details

The CIELCh color **77, 34.776, 16.544** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 28.303, 190.286**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.400, 5.844**, and **57, 34.623, 16.326** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.024, 18.314**, and if you desaturate by 10%, it is **83, 23.973, 15.155**.

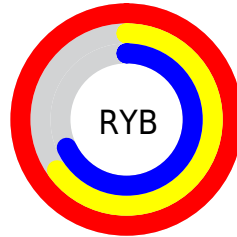
Distribution



Red (100%)

Green (65%)

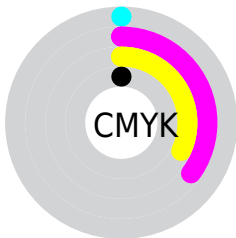
Blue (68%)



Red (100%)

Yellow (65%)

Blue (68%)

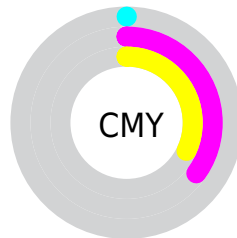


Cyan (0%)

Magenta (35%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.776, 16.544 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, 34.776, 16.544 by changing the saturation by 10% instead.

 77, 34.776, 16.544

 77, 34.776, 16.544

 100, 34.776,
16.544

 67, 34.776, 16.544

 97, 34.776, 16.544

 57, 34.776, 16.544

 47, 34.776, 16.544

 37, 34.776, 16.544

 27, 34.776, 16.544

 17, 34.776, 16.544

 7, 34.776, 16.544

 0, 34.776, 16.544

 77, 34.776, 16.544

 77, 34.776, 16.544

71, 46.024, 18.314

83, 23.973, 15.155

66, 57.478, 20.575

90, 13.763, 14.033

61, 68.787, 23.464

97, 4.197, 13.033

57, 79.548, 27.068

100, 0.240,
202.157

55, 89.359, 31.302

54, 97.615, 35.662

53, 101.094,
37.599

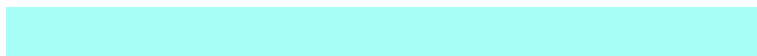
Harmonies

Complementary

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



77, 34.776, 16.544



94, 28.303, 190.286

Rectangle

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



77, 34.776, 16.544



77, 34.776, 66.544



77, 34.776, 196.544



77, 34.776, 246.544

Sweetspot

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



77, 34.773, 16.548



93, 9.291, 13.576



79, 53.864, 323.882



49, 6.370, 13.713



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, 34.773, 16.548



73, 43.149, 17.811



85, 28.497, 62.218



50, 5.273, 13.528



40, 80.921, 36.933



10, 32.746, 23.966

Inverse Universe

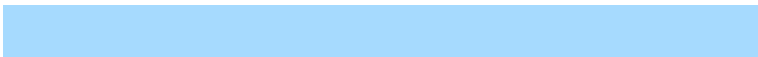
The Inverse Universe completely reimagines the original color for something new.



77, 34.773, 16.548



73, 43.149, 17.811



85, 24.495, 251.162



50, 5.273, 13.528



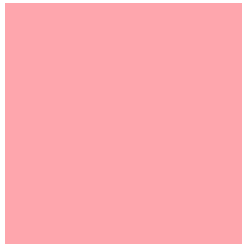
40, 80.921, 36.933



10, 32.746, 23.966

Previews

White Background



This preview shows how the CIELCh color 77, 34.776, 16.544 looks on a white background.

Color Contrast Check

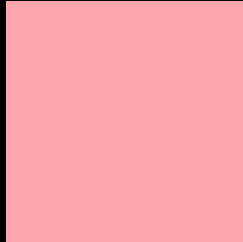
Large Text (above 18pt) WCAG AA × Fail

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, 34.776, 16.544 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, 34.776, 16.544

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.776, 16.544.

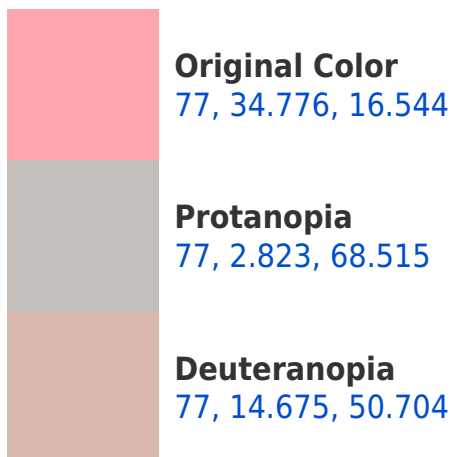


This preview shows how white text looks on a background with the CIELCh color 77, 34.776, 16.544.

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](#).

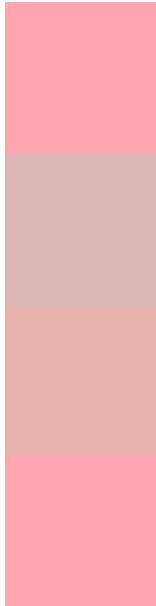
Dichromacy





Tritanopia
77, 35.143, 12.356

Trichromacy



Original Color
77, 34.776, 16.544

Protanomaly
77, 13.826, 20.522

Deuteranomaly
77, 20.912, 31.250

Tritanomaly
77, 35.129, 14.076

Monochromacy



Original Color
77, 34.776, 16.544

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.258, 12.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.776, 16.544 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.776, 16.544 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, 173) }
```

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

```
.border{ border-color:rgb(254, 166, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.776, 16.544 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, 173) }
```

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

```
.background{ background-color: rgb(254,  
166, 173) }
```

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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