

Converting Colors

CIELCh(77, 34.299, 19.334)

Have a look what the booklet for
CIELCh(77, 34.299, 19.334) contains.

CIELCh(77, 34.451, 19.042)	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, 34.451, 19.042)

Conversions

Conversions Part 1

Format	Color
Hex	FEA7AB
RGB	254, 167, 171
RGB Percent	100%, 65%, 67%
CMY	0.0047, 0.3458, 0.3301
CMYK	0.00, 0.34, 0.33, 0.00
HSL	357°, 97%, 82%
HSV	357°, 34%, 100%
XYZ	61.9126, 51.5317, 45.1175
YIQ	193.4690, 50.5680, 19.6880

Conversions

Conversions Part 2

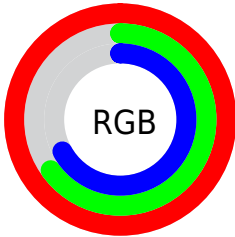
Format	Color
RYB	254, 167, 171
Decimal	16689067
CIELab	77.00, 32.57, 11.24
CIELCh	77, 34.451, 19.042
Yxy	51.5317, 0.3905, 0.3250
Android (android.graphics.Color)	4294879147 (0xFFFEA7AB)
YUV	193.4690, -11.0772, 53.0857
Hunter-Lab	71.7856, 28.3252, 12.9860

Details

The CIELCh color **77, 34.451, 19.042** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 27.657, 193.391**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.783, 12.685**, and **57, 34.310, 18.940** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.846, 20.746**, and if you desaturate by 10%, it is **83, 23.585, 17.721**.

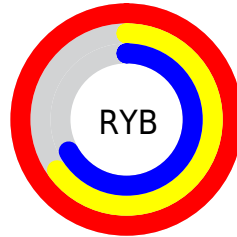
Distribution



Red (100%)

Green (65%)

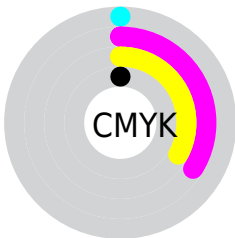
Blue (67%)



Red (100%)

Yellow (65%)

Blue (67%)

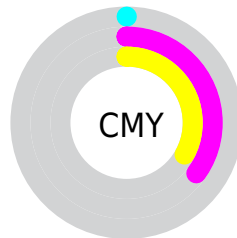


Cyan (0%)

Magenta (34%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.451, 19.042 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, 34.451, 19.042 by changing the saturation by 10% instead.

77, 34.451, 19.042

77, 34.451, 19.042

100, 34.451,
19.042

67, 34.451, 19.042

97, 34.451, 19.042

57, 34.451, 19.042

47, 34.451, 19.042

37, 34.451, 19.042

27, 34.451, 19.042

17, 34.451, 19.042

7, 34.451, 19.042

0, 34.451, 19.042

77, 34.451, 19.042

77, 34.451, 19.042

71, 45.846, 20.746

83, 23.585, 17.721

66, 57.550, 22.939

90, 13.376, 16.666

61, 69.223, 25.747

97, 3.859, 15.722

57, 80.452, 29.231

100, 0.420,
200.955

55, 90.726, 33.242

53, 99.103, 37.138

53, 102.445,
38.748

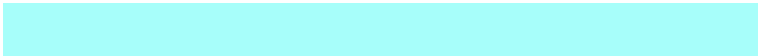
Harmonies

Complementary

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



77, 34.451, 19.042



94, 27.657, 193.391

Rectangle

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



77, 34.451, 19.042



77, 34.451, 69.042



77, 34.451, 199.042



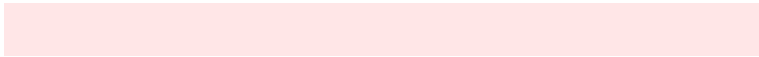
77, 34.451, 249.042

Sweetspot

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



77, 34.448, 19.046



93, 9.263, 16.270



79, 53.680, 324.850



49, 6.353, 16.398



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, 34.448, 19.046



73, 42.235, 20.144



86, 28.332, 65.849



49, 5.257, 16.225



40, 82.275, 38.251



10, 32.995, 25.333

Inverse Universe

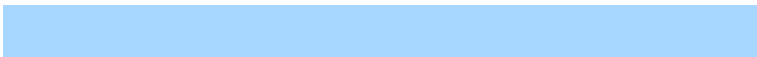
The Inverse Universe completely reimagines the original color for something new.



77, 34.448, 19.046



73, 42.235, 20.144



84, 24.910, 255.261



49, 5.257, 16.225



40, 82.275, 38.251



10, 32.995, 25.333

Previews

White Background



This preview shows how the CIELCh color 77, 34.451, 19.042 looks on a white background.

Color Contrast Check

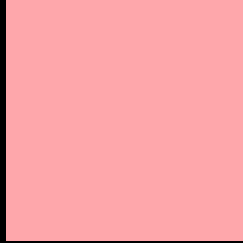
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 34.451, 19.042 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, 34.451, 19.042

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.451, 19.042.

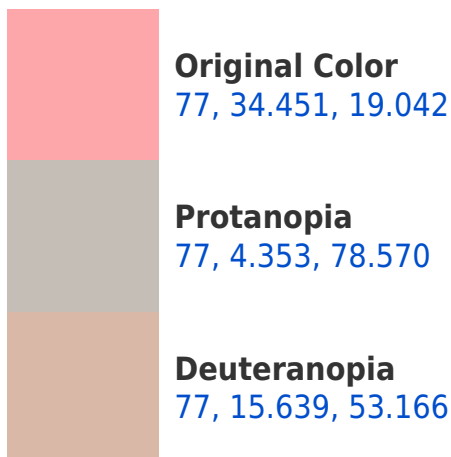


This preview shows how white text looks on a background with the CIELCh color 77, 34.451, 19.042.

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](#).

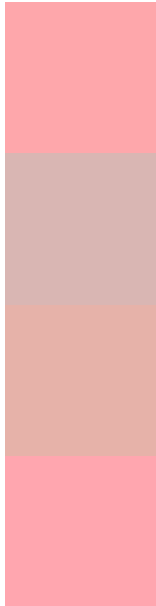
Dichromacy





Tritanopia
77, 35.143, 12.356

Trichromacy



Original Color
77, 34.451, 19.042

Protanomaly
77, 13.604, 27.195

Deuteranomaly
77, 21.229, 33.994

Tritanomaly
77, 35.135, 14.936

Monochromacy



Original Color
77, 34.451, 19.042

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.224, 15.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.451, 19.042 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, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 167, 171)  
}
```

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, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 167, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.451, 19.042 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, 167, 171) }
```

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

```
.border{ border-color:rgb(254, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 167,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.451, 19.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 167, 171) }
```

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

```
.background{ background-color: rgb(254,  
167, 171) }
```

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