

Converting Colors

CIELCh(80, 43.700, 22.999)

Have a look what the booklet for
CIELCh(80, 43.700, 22.999) contains.

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Color

CIELCh(77, 34.601, 21.629)

Conversions

Conversions Part 1

Format	Color
Hex	FEA7A8
RGB	254, 167, 168
RGB Percent	100%, 65%, 66%
CMY	0.0042, 0.3450, 0.3410
CMYK	0.00, 0.34, 0.34, 0.00
HSL	359°, 98%, 83%
HSV	359°, 34%, 100%
XYZ	61.7409, 51.5317, 43.7573
YIQ	193.1270, 51.5310, 18.7550

Conversions

Conversions Part 2

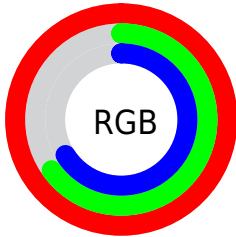
Format	Color
RYB	254, 167, 168
Decimal	16689064
CIELab	77.00, 32.16, 12.75
CIELCh	77, 34.601, 21.629
Yxy	51.5317, 0.3932, 0.3282
Android (android.graphics.Color)	4294879144 (0xFFFEA7A8)
YUV	193.1270, -12.3876, 53.3856
Hunter-Lab	71.7856, 27.8982, 14.1094

Details

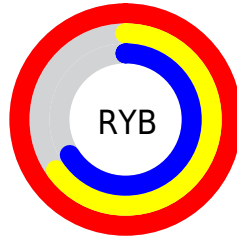
The CIELCh color **77, 34.601, 21.629** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 27.348, 196.624**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.738, 20.190**, and **57, 34.555, 21.706** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.203, 23.261**, and if you desaturate by 10%, it is **83, 23.608, 20.382**.

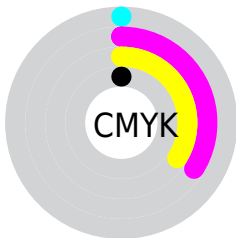
Distribution



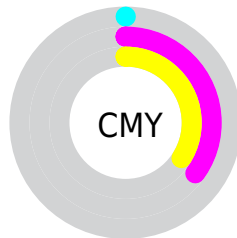
- Red (100%)
- Green (65%)
- Blue (66%)



- Red (100%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (34%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.601, 21.629 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, 34.601, 21.629 by changing the saturation by 10% instead.

77, 34.601, 21.629

77, 34.601, 21.629

100, 34.601,
21.629

67, 34.601, 21.629

97, 34.601, 21.629

57, 34.601, 21.629

47, 34.601, 21.629

37, 34.601, 21.629

27, 34.601, 21.629

17, 34.601, 21.629

7, 34.601, 21.629

0, 34.601, 21.629

77, 34.601, 21.629

77, 34.601, 21.629

71, 46.203, 23.261

83, 23.608, 20.382

66, 58.210, 25.382

90, 13.337, 19.403

61, 70.286, 28.102

97, 3.807, 18.534

57, 81.982, 31.448

100, 0.373,
201.160

55, 92.629, 35.179

53, 100.806,
38.462

53, 103.777,
39.677

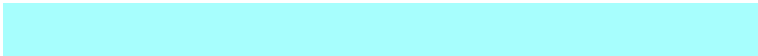
Harmonies

Complementary

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



77, 34.601, 21.629



94, 27.348, 196.624

Rectangle

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



77, 34.601, 21.629



77, 34.601, 71.629



77, 34.601, 201.629



77, 34.601, 251.629

Sweetspot

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



77, 34.598, 21.633



93, 9.256, 19.044



79, 54.069, 325.820



49, 6.350, 19.162



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, 34.598, 21.633



73, 42.555, 22.691



87, 28.606, 69.384



49, 5.252, 19.003



40, 83.698, 39.540



10, 33.270, 26.714

Inverse Universe

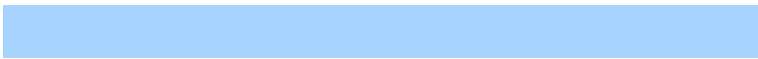
The Inverse Universe completely reimagines the original color for something new.



77, 34.598, 21.633



73, 42.555, 22.691



83, 25.690, 259.198



49, 5.252, 19.003



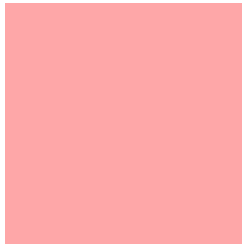
40, 83.698, 39.540



10, 33.270, 26.714

Previews

White Background



This preview shows how the CIELCh color 77, 34.601, 21.629 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, 34.601, 21.629 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, 34.601, 21.629

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.601, 21.629.

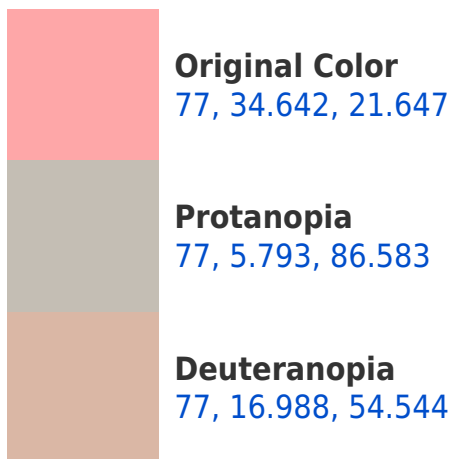


This preview shows how white text looks on a background with the CIELCh color 77, 34.601, 21.629.

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, 35.587, 11.686

Trichromacy



Original Color
77, 34.642, 21.647



Protanomaly
77, 13.978, 33.631



Deuteranomaly
77, 22.415, 36.140



Tritanomaly
77, 35.150, 15.795

Monochromacy



Original Color
77, 34.642, 21.647



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 11.825, 20.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.601, 21.629 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 167, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 167, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.601, 21.629 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, 168) }
```

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

```
.border{ border-color:rgb(254, 167, 168) }
```

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, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 167, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 167, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 167,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.601, 21.629 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, 168) }
```

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

```
.background{ background-color: rgb(254,  
167, 168) }
```

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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