

Converting Colors

CIELCh(77, 31.673, 27.616)

Have a look what the booklet for
CIELCh(77, 31.673, 27.616) contains.

CIELCh(77, 31.574, 27.816)	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, 31.574, 27.816)

Conversions

Conversions Part 1

Format	Color
Hex	F8AAA4
RGB	248, 170, 164
RGB Percent	97%, 67%, 64%
CMY	0.0264, 0.3324, 0.3559
CMYK	0.00, 0.31, 0.34, 0.03
HSL	4°, 86%, 81%
HSV	4°, 34%, 97%
XYZ	59.9453, 51.5317, 42.0200
YIQ	192.6380, 48.4140, 14.6700

Conversions

Conversions Part 2

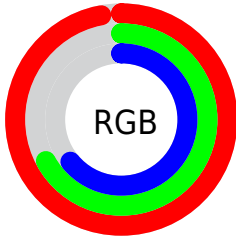
Format	Color
R _{YB}	248, 170, 164
Decimal	16296612
CIE Lab	77.00, 27.93, 14.73
CIE LCh	77, 31.574, 27.816
Yxy	51.5317, 0.3905, 0.3357
Android (android.graphics.Color)	4294486692 (0xFFF8AAA4)
YUV	192.6380, -14.1185, 48.5525
Hunter-Lab	71.7856, 23.4335, 15.5443

Details

The CIELCh color **77, 31.574, 27.816** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 24.692, 205.189**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.308, 38.579**, and **57, 31.804, 27.976** is the 20% darker color. If you saturate the color by 10%, you get **71, 42.498, 28.975**, and if you desaturate by 10%, it is **83, 21.361, 26.965**.

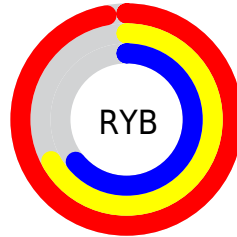
Distribution



Red (97%)

Green (67%)

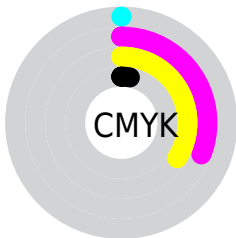
Blue (64%)



Red (97%)

Yellow (67%)

Blue (64%)

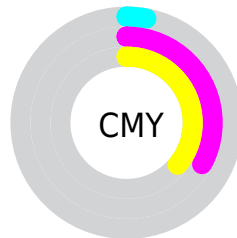


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (3%)



Cyan (3%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 31.574, 27.816 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, 31.574, 27.816 by changing the saturation by 10% instead.

77, 31.574, 27.816

77, 31.574, 27.816

100, 31.574,
27.816

67, 31.574, 27.816

97, 31.574, 27.816

57, 31.574, 27.816

47, 31.574, 27.816

37, 31.574, 27.816

27, 31.574, 27.816

17, 31.574, 27.816

7, 31.574, 27.816

0, 31.574, 27.816

77, 31.574, 27.816

77, 31.574, 27.816

71, 42.498, 28.975

83, 21.361, 26.965

66, 54.026, 30.508

89, 11.901, 26.327

62, 65.932, 32.488

95, 3.172, 25.737

58, 77.831, 34.910

100, 2.336,
199.541

55, 89.005, 37.552

53, 97.886, 39.702

52, 101.530,
40.573

Harmonies

Complementary

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



77, 31.574, 27.816



91, 24.692, 205.189

Rectangle

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



77, 31.574, 27.816



77, 31.574, 77.816



77, 31.574, 207.816



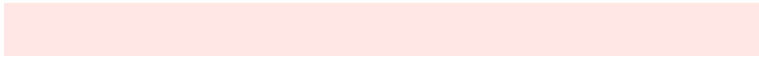
77, 31.574, 257.816

Sweetspot

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



77, 31.572, 27.821



94, 8.646, 26.119



78, 50.435, 328.216



49, 5.933, 26.194



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, 31.572, 27.821



75, 40.193, 28.618



87, 28.954, 77.807



49, 4.825, 26.091



40, 82.387, 40.753



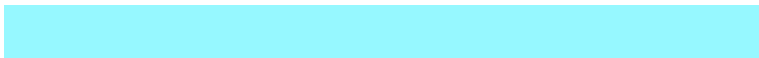
10, 30.763, 29.787

Inverse Universe

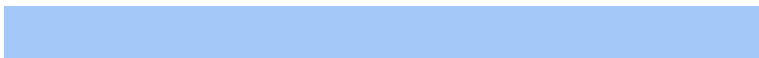
The Inverse Universe completely reimagines the original color for something new.



91, 24.692, 205.189



92, 29.563, 205.201



80, 27.355, 267.929



51, 4.535, 205.618



65, 36.507, 208.655



21, 16.676, 206.971

Previews

White Background



This preview shows how the CIELCh color 77, 31.574, 27.816 looks on a white background.

Color Contrast Check

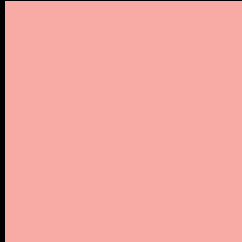
Large Text (above 18pt) WCAG AA × Fail

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, 31.574, 27.816 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, 31.574, 27.816

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.574, 27.816.



This preview shows how white text looks on a background with the CIELCh color 77, 31.574, 27.816.

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, 31.574, 27.816

Protanopia

77, 9.073, 89.597

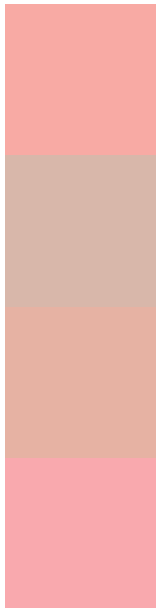
Deuteranopia

77, 18.354, 57.685



Tritanopia
77, 32.357, 11.136

Trichromacy



Original Color
77, 31.574, 27.816

Protanomaly
77, 14.754, 48.228

Deuteranomaly
77, 22.470, 41.652

Tritanomaly
77, 31.528, 17.465

Monochromacy



Original Color
77, 31.574, 27.816

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 10.743, 25.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.574, 27.816 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(248, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(248, 170, 164)  
}
```

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(248, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 170, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.574, 27.816 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(248, 170, 164) }
```

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

```
.border{ border-color:rgb(248, 170, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 170, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(248, 170,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.574, 27.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 170, 164) }
```

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

```
.background{ background-color: rgb(248,  
170, 164) }
```

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