

Converting Colors

CIELCh(77, 31.215, 41.002)

Have a look what the booklet for
CIELCh(77, 31.215, 41.002) contains.

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Color

CIELCh(77, 31.063, 40.429)

Conversions

Conversions Part 1

Format	Color
Hex	F4AD9A
RGB	244, 173, 154
RGB Percent	96%, 68%, 60%
CMY	0.0426, 0.3210, 0.3956
CMYK	0.00, 0.29, 0.37, 0.04
HSL	13°, 81%, 78%
HSV	13°, 37%, 96%
XYZ	58.1681, 51.5317, 37.5074
YIQ	192.0630, 48.4150, 9.1430

Conversions

Conversions Part 2

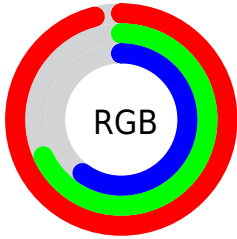
Format	Color
RYB	244, 178, 154
Decimal	16035226
CIELab	77.00, 23.65, 20.14
CIELCh	77, 31.063, 40.429
Yxy	51.5317, 0.3951, 0.3501
Android (android.graphics.Color)	4294225306 (0xFFFF4AD9A)
YUV	192.0630, -18.7651, 45.5487
Hunter-Lab	71.7856, 19.0142, 19.2714

Details

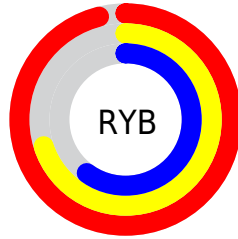
The CIELCh color **77, 31.063, 40.429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 23.868, 223.008**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.603, 67.302**, and **57, 31.144, 40.027** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.149, 40.716**, and if you desaturate by 10%, it is **82, 21.706, 40.338**.

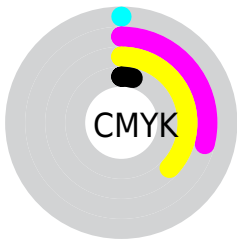
Distribution



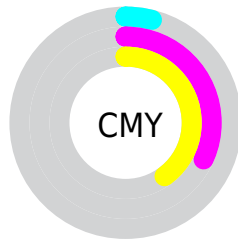
- Red (96%)
- Green (68%)
- Blue (60%)



- Red (96%)
- Yellow (70%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (4%)



- Cyan (4%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 31.063, 40.429 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, 31.063, 40.429 by changing the saturation by 10% instead.

77, 31.063, 40.429

77, 31.063, 40.429

100, 31.063,
40.429

67, 31.063, 40.429

97, 31.063, 40.429

57, 31.063, 40.429

47, 31.063, 40.429

37, 31.063, 40.429

27, 31.063, 40.429

17, 31.063, 40.429

7, 31.063, 40.429

0, 31.063, 40.429

77, 31.063, 40.429

77, 31.063, 40.429

72, 41.149, 40.716

82, 21.706, 40.338

68, 51.922, 41.213

87, 13.068, 40.381

64, 63.230, 41.931

93, 5.106, 40.486

60, 74.705, 42.791

98, 2.240, 221.155

57, 85.511, 43.516

99, 3.752, 199.344

54, 93.936, 43.466

54, 96.122, 43.423

Harmonies

Complementary

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



77, 31.063, 40.429



86, 23.868, 223.008

Rectangle

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



77, 31.063, 40.429



77, 31.063, 90.429



77, 31.063, 220.429



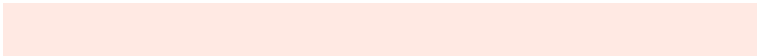
77, 31.063, 270.429

Sweetspot

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



77, 31.061, 40.435



94, 8.616, 40.447



75, 49.370, 332.949



49, 5.822, 40.430



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, 31.061, 40.435



76, 39.568, 40.617



88, 34.482, 88.951



48, 4.280, 40.464



41, 77.977, 43.843



10, 27.313, 36.514

Inverse Universe

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



86, 23.868, 223.008



87, 28.573, 223.829



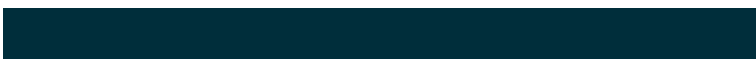
74, 34.765, 279.681



50, 4.035, 221.198



56, 34.905, 238.019



17, 15.323, 231.927

Previews

White Background



This preview shows how the CIELCh color 77, 31.063, 40.429 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, 31.063, 40.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

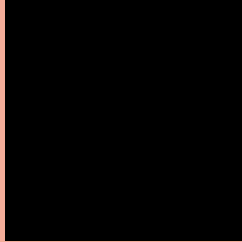
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 31.063, 40.429

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.063, 40.429.

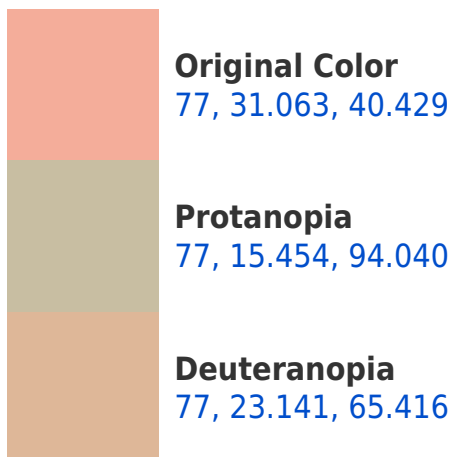


This preview shows how white text looks on a background with the CIELCh color 77, 31.063, 40.429.

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, 30.825, 9.394

Trichromacy



Original Color
77, 31.063, 40.429

Protanomaly
77, 18.634, 65.523

Deuteranomaly
77, 25.290, 53.696

Tritanomaly
77, 29.630, 20.991

Monochromacy



Original Color
77, 31.063, 40.429

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 10.697, 40.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.063, 40.429 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(244, 173, 154)` looks like.

```
.text, #text, p{  
    color:rgb(244, 173, 154)  
}
```

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(244, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 173, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.063, 40.429 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(244, 173, 154) }
```

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

```
.border{ border-color:rgb(244, 173, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 173, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(244, 173,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.063, 40.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 173, 154) }
```

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

```
.background{ background-color: rgb(244,  
173, 154) }
```

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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