

Converting Colors

CIELCh(77, 30.939, 16.755)

Have a look what the booklet for
CIELCh(77, 30.939, 16.755) contains.

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Color

CIELCh(77, 31.104, 16.393)

Conversions

Conversions Part 1

Format	Color
Hex	F8A9AF
RGB	248, 169, 175
RGB Percent	97%, 66%, 69%
CMY	0.0267, 0.3366, 0.3131
CMYK	0.00, 0.32, 0.29, 0.03
HSL	355°, 85%, 82%
HSV	355°, 32%, 97%
XYZ	60.7516, 51.5317, 47.3893
YIQ	193.3050, 45.1580, 18.6140

Conversions

Conversions Part 2

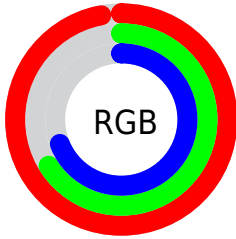
Format	Color
R _Y B	248, 169, 175
Decimal	16296367
CIE Lab	77.00, 29.84, 8.78
CIE LCh	77, 31.104, 16.393
Yxy	51.5317, 0.3805, 0.3227
Android (android.graphics.Color)	4294486447 (0xFF8A9AF)
YUV	193.3050, -9.0244, 47.9675
Hunter-Lab	71.7856, 25.4384, 11.1096

Details

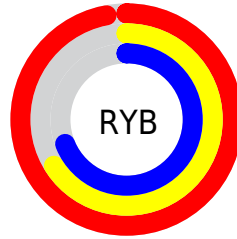
The CIELCh color **77, 31.104, 16.393** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 25.749, 190.820**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.187, 6.879**, and **57, 31.161, 15.992** is the 20% darker color. If you saturate the color by 10%, you get **71, 42.042, 18.039**, and if you desaturate by 10%, it is **83, 20.658, 15.097**.

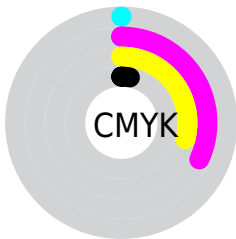
Distribution



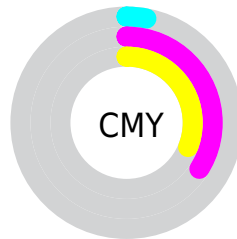
- Red (97%)
- Green (66%)
- Blue (69%)



- Red (97%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)
- Black (3%)



- Cyan (3%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 31.104, 16.393 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, 31.104, 16.393 by changing the saturation by 10% instead.

77, 31.104, 16.393

77, 31.104, 16.393

100, 31.104,
16.393

67, 31.104, 16.393

97, 31.104, 16.393

57, 31.104, 16.393

47, 31.104, 16.393

37, 31.104, 16.393

27, 31.104, 16.393

17, 31.104, 16.393

7, 31.104, 16.393

0, 31.104, 16.393

77, 31.104, 16.393

77, 31.104, 16.393

71, 42.042, 18.039

83, 20.658, 15.097

66, 53.272, 20.140

90, 10.820, 14.039

61, 64.474, 22.829

96, 1.622, 12.869

57, 75.265, 26.215

100, 2.362,
199.536

54, 85.247, 30.274

53, 93.907, 34.644

52, 99.364, 37.694

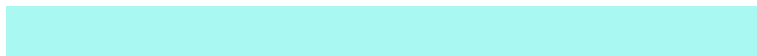
Harmonies

Complementary

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



77, 31.104, 16.393



93, 25.749, 190.820

Rectangle

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



77, 31.104, 16.393



77, 31.104, 66.393



77, 31.104, 196.393



77, 31.104, 246.393

Sweetspot

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



77, 31.101, 16.397



93, 9.287, 13.863



78, 48.633, 323.750



49, 6.367, 13.999



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, 31.101, 16.397



75, 38.644, 17.371



85, 25.469, 62.506



49, 5.184, 13.813



39, 80.234, 37.053



9, 31.668, 23.079

Inverse Universe

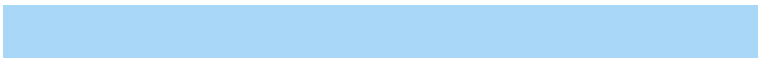
The Inverse Universe completely reimagines the original color for something new.



77, 31.101, 16.397



75, 38.644, 17.371



84, 22.200, 250.592



49, 5.184, 13.813



39, 80.234, 37.053



9, 31.668, 23.079

Previews

White Background



This preview shows how the CIELCh color 77, 31.104, 16.393 looks on a white background.

Color Contrast Check

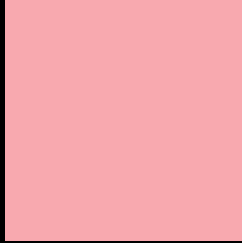
Large Text (above 18pt) WCAG AA × Fail

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, 31.104, 16.393 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, 31.104, 16.393

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.104, 16.393.



This preview shows how white text looks on a background with the CIELCh color 77, 31.104, 16.393.

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, 31.104, 16.393

Protanopia

77, 2.823, 68.515

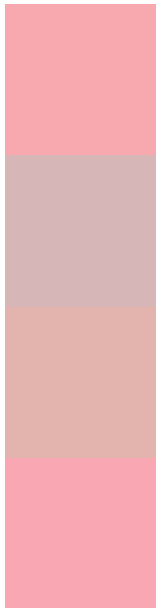
Deuteranopia

77, 13.479, 45.958



Tritanopia
77, 32.009, 10.013

Trichromacy



Original Color
77, 31.104, 16.393

Protanomaly
77, 12.243, 20.380

Deuteranomaly
77, 19.024, 28.919

Tritanomaly
77, 31.940, 11.900

Monochromacy



Original Color
77, 31.104, 16.393

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 11.096, 12.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.104, 16.393 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, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(248, 169, 175)  
}
```

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, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 169, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.104, 16.393 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, 169, 175) }
```

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

```
.border{ border-color:rgb(248, 169, 175) }
```

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

Here you see how a box with a 4 pixel rgb(248, 169, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(248, 169,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.104, 16.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 169, 175) }
```

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

```
.background{ background-color: rgb(248,  
169, 175) }
```

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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