

Converting Colors

CIELCh(77, 31.423, 355.259)

Have a look what the booklet for
CIELCh(77, 31.423, 355.259)
contains.

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Color

CIELCh(77, 31.451, 355.275)

Conversions

Conversions Part 1

Format	Color
Hex	F4A9C4
RGB	244, 169, 196
RGB Percent	96%, 66%, 77%
CMY	0.0436, 0.3376, 0.2318
CMYK	0.00, 0.31, 0.20, 0.04
HSL	338°, 77%, 81%
HSV	338°, 31%, 96%
XYZ	61.3905, 51.5317, 58.8732
YIQ	194.5030, 36.0330, 24.2970

Conversions

Conversions Part 2

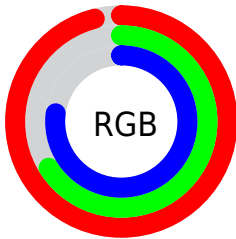
Format	Color
RYB	244, 169, 196
Decimal	16034244
CIELab	77.00, 31.34, -2.59
CIElCh	77, 31.451, 355.275
Yxy	51.5317, 0.3573, 0.3000
Android (android.graphics.Color)	4294224324 (0xFFFF4A9C4)
YUV	194.5030, 0.7380, 43.4089
Hunter-Lab	71.7856, 27.0270, 1.6247

Details

The CIELCh color **77, 31.451, 355.275** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 29.246, 168.871**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 17.930, 326.939**, and **57, 31.526, 355.808** is the 20% darker color. If you saturate the color by 10%, you get **71, 41.919, 356.767**, and if you desaturate by 10%, it is **83, 20.966, 354.014**.

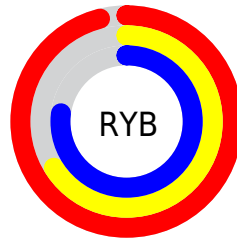
Distribution



Red (96%)

Green (66%)

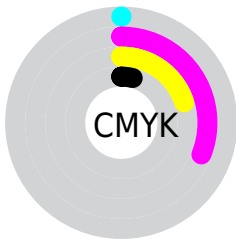
Blue (77%)



Red (96%)

Yellow (66%)

Blue (77%)

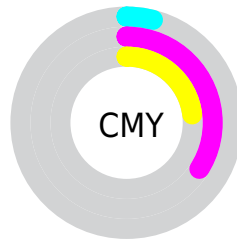


Cyan (0%)

Magenta (31%)

Yellow (20%)

Black (4%)



Cyan (4%)


Magenta (34%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 31.451, 355.275 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, 31.451, 355.275 by changing the saturation by 10% instead.


 77, 31.451,
355.275


 77, 31.451,
355.275


 100, 31.451,
355.275


 67, 31.451,
355.275


 97, 31.451,
355.275

 57, 31.451,
355.275

 47, 31.451,
355.275

 37, 31.451,
355.275

 27, 31.451,
355.275

 17, 31.451,
355.275

 7, 31.451, 355.275

0, 31.451, 355.275

77, 31.451,
355.275

77, 31.451,
355.275

71, 41.919,
356.767

83, 20.966,
354.014

66, 52.048,
358.567

89, 10.687,
352.908

61, 61.389, 0.796

96, 0.734, 351.287

58, 69.429, 3.607

99, 3.837, 199.335

55, 75.731, 7.183

53, 80.164, 11.683

52, 83.090, 16.584

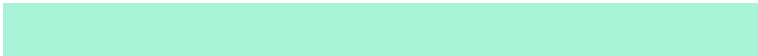
Harmonies

Complementary

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



77, 31.451, 355.275



91, 29.246, 168.871

Rectangle

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



77, 31.451, 355.275



77, 31.451, 45.275



77, 31.451, 175.275



77, 31.451, 225.275

Sweetspot

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



77, 31.448, 355.277



94, 9.252, 352.726



76, 43.521, 314.931



49, 6.445, 352.880



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, 31.448, 355.277



76, 39.416, 356.191



79, 26.559, 32.870



48, 5.657, 352.775



39, 67.605, 15.558



9, 29.615, 7.087

Inverse Universe

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



77, 31.448, 355.277



76, 39.416, 356.191



89, 21.282, 212.398



48, 5.657, 352.775



39, 67.605, 15.558



9, 29.615, 7.087

Previews

White Background



This preview shows how the CIELCh color 77, 31.451, 355.275 looks on a white background.

Color Contrast Check

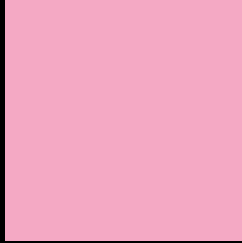
Large Text (above 18pt) WCAG AA × Fail

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, 31.451, 355.275 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, 31.451, 355.275

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.451, 355.275.



This preview shows how white text looks on a background with the CIELCh color 77, 31.451, 355.275.

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, 28.473, 8.043

Trichromacy



Original Color
77, 31.451, 355.275

Protanomaly
77, 15.433, 330.792

Deuteranomaly
77, 17.656, 353.987

Tritanomaly
77, 29.336, 3.169

Monochromacy



Original Color
77, 31.451, 355.275

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.407, 352.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.451, 355.275 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, 169, 196)` looks like.

```
.text, #text, p{  
    color:rgb(244, 169, 196)  
}
```

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, 169, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 169, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.451, 355.275 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, 169, 196) }
```

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

```
.border{ border-color:rgb(244, 169, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 169, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 169, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 169, 196);  
box-shadow:4px 4px 4px 4px rgb(244, 169,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.451, 355.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 169, 196) }
```

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

```
.background{ background-color: rgb(244,  
169, 196) }
```

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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