

Converting Colors

CIELCh(76, 41.252, 16.496)

Have a look what the booklet for
CIELCh(76, 41.252, 16.496) contains.

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Color

CIELCh(75, 38.606, 15.306)

Conversions

Conversions Part 1

Format	Color
Hex	FF9EA8
RGB	255, 158, 168
RGB Percent	100%, 62%, 66%
CMY	0.0019, 0.3821, 0.3429
CMYK	0.00, 0.38, 0.34, 0.00
HSL	354°, 99%, 81%
HSV	354°, 38%, 100%
XYZ	60.2353, 48.2781, 42.9744
YIQ	188.1430, 54.6020, 23.6740

Conversions

Conversions Part 2

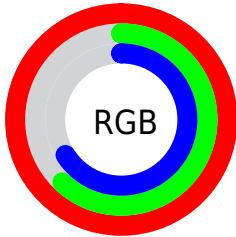
Format	Color
R _Y B	255, 158, 168
Decimal	16752296
CIE Lab	75.00, 37.24, 10.19
CIE LCh	75, 38.606, 15.306
Yxy	48.2781, 0.3976, 0.3187
Android (android.graphics.Color)	4294942376 (0xFFFF9EA8)
YUV	188.1430, -9.9305, 58.6336
Hunter-Lab	69.4824, 33.1499, 11.9673

Details

The CIELCh color **75, 38.606, 15.306** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 31.097, 187.861**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.719, 3.356**, and **55, 38.659, 15.410** is the 20% darker color. If you saturate the color by 10%, you get **69, 49.830, 17.258**, and if you desaturate by 10%, it is **81, 27.695, 13.770**.

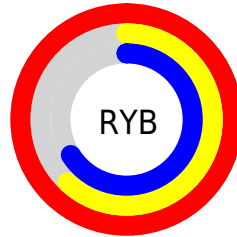
Distribution



Red (100%)

Green (62%)

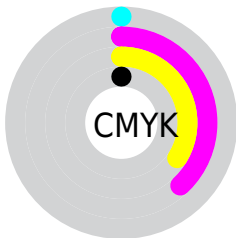
Blue (66%)



Red (100%)

Yellow (62%)

Blue (66%)

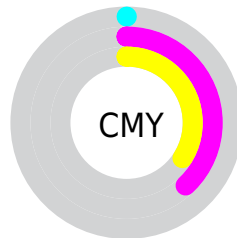


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 38.606, 15.306 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 75, 38.606, 15.306 by changing the saturation by 10% instead.

 75, 38.606, 15.306

 75, 38.606, 15.306

 100, 38.606,
15.306

 65, 38.606, 15.306

 95, 38.606, 15.306

 55, 38.606, 15.306

 45, 38.606, 15.306

 35, 38.606, 15.306

 25, 38.606, 15.306

 15, 38.606, 15.306

 5, 38.606, 15.306

 0, 38.606, 15.306

 75, 38.606, 15.306

 75, 38.606, 15.306

69, 49.830, 17.258

81, 27.695, 13.770

64, 61.078, 19.746

88, 17.292, 12.531

60, 71.966, 22.908

94, 7.485, 11.487

57, 82.106, 26.818

100, 0.172,
203.257

54, 91.158, 31.338

53, 98.628, 35.845

53, 99.862, 36.557

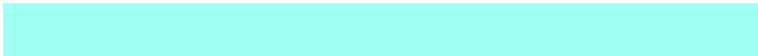
Harmonies

Complementary

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



75, 38.606, 15.306



94, 31.097, 187.861

Rectangle

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



75, 38.606, 15.306



75, 38.606, 65.306



75, 38.606, 195.306



75, 38.606, 245.306

Sweetspot

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



75, 38.603, 15.309



93, 10.290, 11.780



76, 58.746, 323.040



48, 6.945, 11.918



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 38.603, 15.309



71, 47.544, 16.811



83, 31.673, 58.288



50, 5.292, 11.630



40, 79.826, 35.793



10, 32.580, 22.984

Inverse Universe

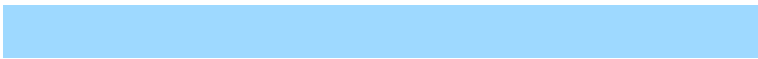
The Inverse Universe completely reimagines the original color for something new.



75, 38.603, 15.309



71, 47.544, 16.811



84, 26.145, 247.502



50, 5.292, 11.630



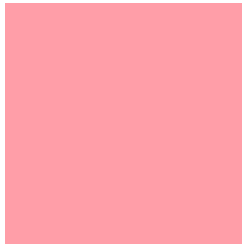
40, 79.826, 35.793



10, 32.580, 22.984

Previews

White Background



This preview shows how the CIELCh color 75, 38.606, 15.306 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 75, 38.606, 15.306 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 75, 38.606, 15.306

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.606, 15.306.

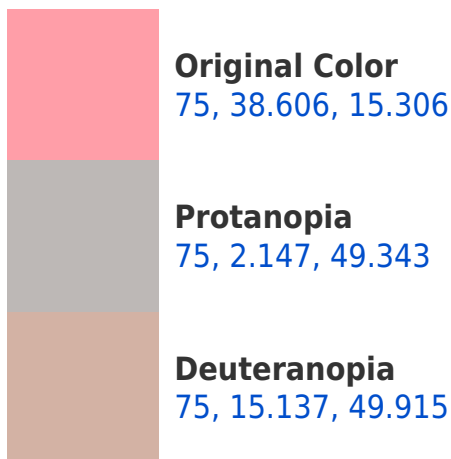


This preview shows how white text looks on a background with the CIELCh color 75, 38.606, 15.306.

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
75, 39.016, 13.898

Trichromacy



Original Color
75, 38.606, 15.306



Protanomaly
75, 15.114, 14.601



Deuteranomaly
75, 22.577, 29.387



Tritanomaly
75, 39.026, 14.676

Monochromacy



Original Color
75, 38.606, 15.306



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 13.549, 11.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.606, 15.306 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(255, 158, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 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(255, 158, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.606, 15.306 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(255, 158, 168) }
```

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

```
.border{ border-color:rgb(255, 158, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.606, 15.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 168) }
```

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

```
.background{ background-color: rgb(255,  
158, 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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