

Converting Colors

CIELCh(75, 41.504, 18.801)

Have a look what the booklet for
CIELCh(75, 41.504, 18.801) contains.

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Color

CIELCh(75, 39.647, 18.665)

Conversions

Conversions Part 1

Format	Color
Hex	FF9DA3
RGB	255, 157, 163
RGB Percent	100%, 62%, 64%
CMY	0.0000, 0.3840, 0.3605
CMYK	0.00, 0.38, 0.36, 0.00
HSL	356°, 100%, 81%
HSV	356°, 38%, 100%
XYZ	60.3722, 48.2781, 40.8169
YIQ	186.9860, 56.4820, 22.6420

Conversions

Conversions Part 2

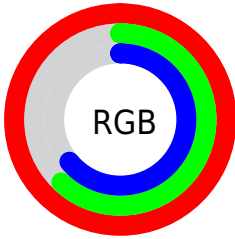
Format	Color
R _Y B	255, 157, 163
Decimal	16752035
CIE Lab	75.00, 37.56, 12.69
CIE LCh	75, 39.647, 18.665
Yxy	48.2781, 0.4039, 0.3230
Android (android.graphics.Color)	4294942115 (0xFFFF9DA3)
YUV	186.9860, -11.8251, 59.6483
Hunter-Lab	69.4824, 33.5016, 13.8083

Details

The CIELCh color **75, 39.647, 18.665** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 30.760, 191.715**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.720, 11.104**, and **55, 39.365, 18.891** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.663, 20.476**, and if you desaturate by 10%, it is **81, 28.074, 17.069**.

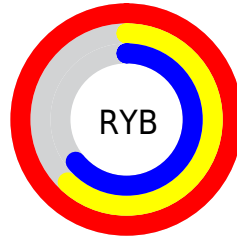
Distribution



Red (100%)

Green (62%)

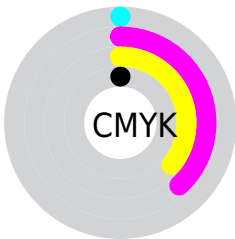
Blue (64%)



Red (100%)

Yellow (62%)

Blue (64%)

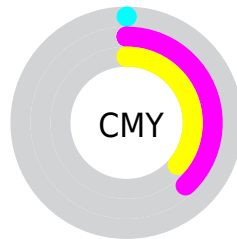


Cyan (0%)

Magenta (38%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 39.647, 18.665 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, 39.647, 18.665 by changing the saturation by 10% instead.

 75, 39.647, 18.665

 75, 39.647, 18.665

 100, 39.647,
18.665

 65, 39.647, 18.665

 95, 39.647, 18.665

 55, 39.647, 18.665

 45, 39.647, 18.665

 35, 39.647, 18.665

 25, 39.647, 18.665

 15, 39.647, 18.665

 5, 39.647, 18.665

 0, 39.647, 18.665

 75, 39.647, 18.665

 75, 39.647, 18.665

■ 69, 50.663, 20.476

■ 81, 28.074, 17.069

■ 64, 62.303, 22.936

■ 88, 17.576, 15.886

■ 60, 73.703, 26.058

■ 94, 7.741, 14.906

■ 56, 84.440, 29.863

100, 0.012,
296.813

■ 54, 93.988, 34.087

■ 53, 101.293,
37.858

■ 53, 102.194,
38.285

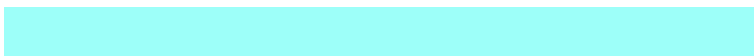
Harmonies

Complementary

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



75, 39.647, 18.665



94, 30.760, 191.715

Rectangle

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



75, 39.647, 18.665



75, 39.647, 68.665



75, 39.647, 198.665



75, 39.647, 248.665

Sweetspot

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



75, 39.160, 18.562



92, 11.208, 15.245



77, 59.948, 324.552



48, 7.469, 15.371



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, 39.160, 18.562



70, 47.882, 19.972



84, 32.137, 63.613



50, 5.263, 15.010



40, 81.696, 37.699



10, 32.881, 24.721

Inverse Universe

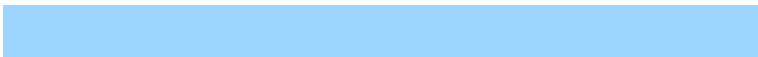
The Inverse Universe completely reimagines the original color for something new.



75, 39.160, 18.562



70, 47.882, 19.972



83, 27.428, 254.107



50, 5.263, 15.010



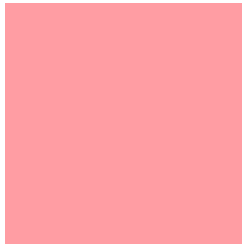
40, 81.696, 37.699



10, 32.881, 24.721

Previews

White Background



This preview shows how the CIELCh color 75, 39.647, 18.665 looks on a white background.

Color Contrast Check

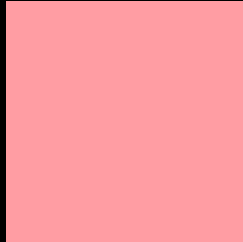
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 39.647, 18.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

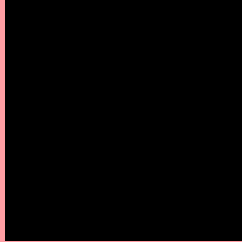
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.647, 18.665

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.647, 18.665.

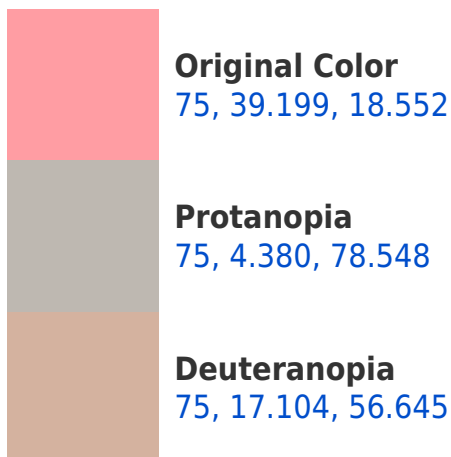


This preview shows how white text looks on a background with the CIELCh color 75, 39.647, 18.665.

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, 39.026, 14.676

Trichromacy



Original Color
75, 39.199, 18.552



Protanomaly
75, 15.641, 24.615



Deuteranomaly
75, 24.042, 34.084



Tritanomaly
75, 39.071, 16.231

Monochromacy



Original Color
75, 39.199, 18.552



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 13.886, 16.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.647, 18.665 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, 157, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 163)  
}
```

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, 157, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.647, 18.665 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, 157, 163) }
```

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

```
.border{ border-color:rgb(255, 157, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.647, 18.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 163) }
```

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

```
.background{ background-color: rgb(255,  
157, 163) }
```

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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