

Converting Colors

CIELCh(75, 39.498, 27.483)

Have a look what the booklet for
CIELCh(75, 39.498, 27.483) contains.

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Color

CIELCh(75, 39.474, 27.538)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F99
RGB	255, 159, 153
RGB Percent	100%, 62%, 60%
CMY	0.0006, 0.3770, 0.4005
CMYK	0.00, 0.38, 0.40, 0.00
HSL	4°, 100%, 80%
HSV	4°, 40%, 100%
XYZ	59.2999, 48.2781, 36.2739
YIQ	187.0200, 59.1420, 18.4860

Conversions

Conversions Part 2

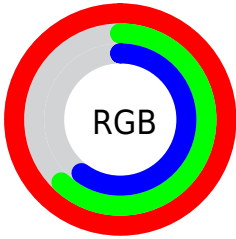
Format	Color
R _Y B	255, 159, 153
Decimal	16752537
CIE Lab	75.00, 35.00, 18.25
CIE LCh	75, 39.474, 27.538
Yxy	48.2781, 0.4122, 0.3356
Android (android.graphics.Color)	4294942617 (0xFFFF9F99)
YUV	187.0200, -16.7719, 59.6185
Hunter-Lab	69.4824, 30.7467, 17.6848

Details

The CIELCh color **75, 39.474, 27.538** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 29.327, 203.748**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.654, 35.683**, and **55, 39.739, 27.439** is the 20% darker color. If you saturate the color by 10%, you get **70, 51.115, 29.014**, and if you desaturate by 10%, it is **81, 28.481, 26.436**.

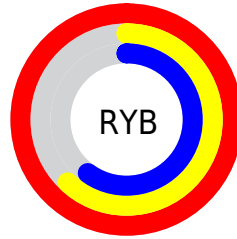
Distribution



Red (100%)

Green (62%)

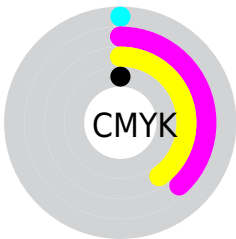
Blue (60%)



Red (100%)

Yellow (62%)

Blue (60%)

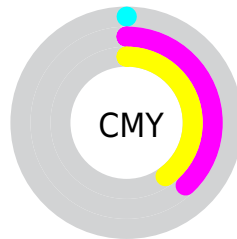


Cyan (0%)

Magenta (38%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 39.474, 27.538 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, 39.474, 27.538 by changing the saturation by 10% instead.

 75, 39.474, 27.538

 75, 39.474, 27.538

 100, 39.474,
27.538

 65, 39.474, 27.538

 95, 39.474, 27.538

 55, 39.474, 27.538

 45, 39.474, 27.538

 35, 39.474, 27.538

 25, 39.474, 27.538

 15, 39.474, 27.538

 5, 39.474, 27.538

 0, 39.474, 27.538

 75, 39.474, 27.538

 75, 39.474, 27.538

70, 51.115, 29.014

81, 28.481, 26.436

65, 63.212, 30.934

87, 18.236, 25.609

60, 75.427, 33.341

93, 8.757, 24.972

57, 87.184, 36.119

100, 0.018,
343.911

55, 97.292, 38.757

100, 0.051,
212.381

54, 103.796,
40.434

Harmonies

Complementary

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



75, 39.474, 27.538



92, 29.327, 203.748

Rectangle

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



75, 39.474, 27.538



75, 39.474, 77.538



75, 39.474, 207.538



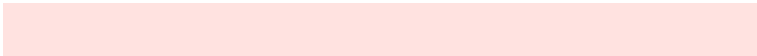
75, 39.474, 257.538

Sweetspot

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



75, 39.472, 27.542



92, 10.583, 25.089



77, 61.204, 328.052



48, 7.058, 25.168



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, 39.472, 27.542



71, 48.747, 28.684



87, 35.027, 75.348



50, 4.963, 24.942



40, 83.423, 40.596



10, 32.207, 30.053

Inverse Universe

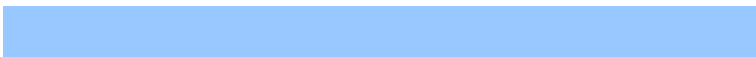
The Inverse Universe completely reimagines the original color for something new.



92, 29.327, 203.748



91, 33.761, 203.764



79, 32.355, 267.714



52, 4.665, 204.371



67, 37.377, 206.309



22, 17.336, 205.025

Previews

White Background



This preview shows how the CIELCh color 75, 39.474, 27.538 looks on a white background.

Color Contrast Check

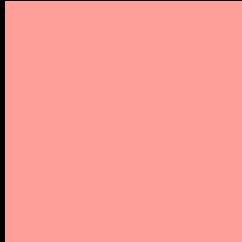
Large Text (above 18pt) WCAG AA × Fail

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, 39.474, 27.538 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, 39.474, 27.538

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.474, 27.538.

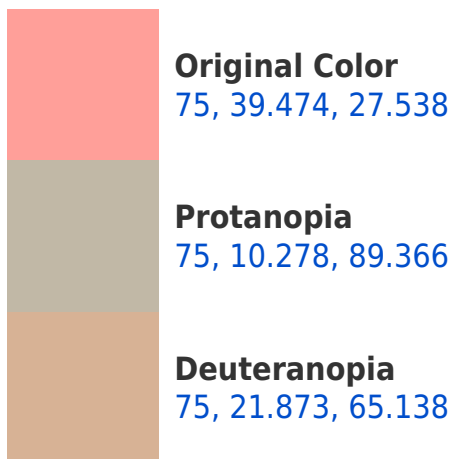


This preview shows how white text looks on a background with the CIELCh color 75, 39.474, 27.538.

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



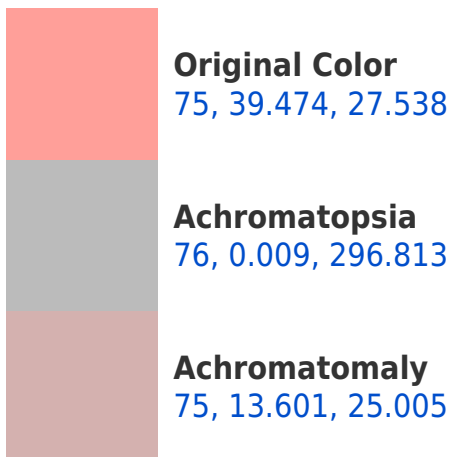


Tritanopia
75, 39.016, 13.898

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.474, 27.538 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, 159, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 153)  
}
```

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, 159, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.474, 27.538 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, 159, 153) }
```

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

```
.border{ border-color:rgb(255, 159, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.474, 27.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 153) }
```

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

```
.background{ background-color: rgb(255,  
159, 153) }
```

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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