

Converting Colors

CIELCh(75, 38.513, 19.943)

Have a look what the booklet for
CIELCh(75, 38.513, 19.943) contains.

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Color

CIELCh(75, 38.467, 19.920)

Conversions

Conversions Part 1

Format	Color
Hex	FE9EA2
RGB	254, 158, 162
RGB Percent	100%, 62%, 64%
CMY	0.0028, 0.3794, 0.3637
CMYK	0.00, 0.38, 0.36, 0.00
HSL	358°, 99%, 81%
HSV	358°, 38%, 100%
XYZ	59.7857, 48.2781, 40.4633
YIQ	187.1600, 55.9320, 21.5960

Conversions

Conversions Part 2

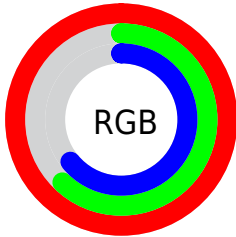
Format	Color
R_{YB}	254, 158, 162
Decimal	16686754
CIE _{Lab}	75.00, 36.17, 13.11
CIE _{LCh}	75, 38.467, 19.920
Yxy	48.2781, 0.4025, 0.3250
Android (android.graphics.Color)	4294876834 (0xFFFE9EA2)
YUV	187.1600, -12.4039, 58.6187
Hunter-Lab	69.4824, 31.9950, 14.1100

Details

The CIELCh color **75, 38.467, 19.920** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 30.038, 193.592**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.247, 14.681**, and **55, 38.629, 20.262** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.047, 21.774**, and if you desaturate by 10%, it is **81, 27.361, 18.488**.

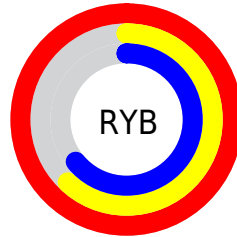
Distribution



Red (100%)

Green (62%)

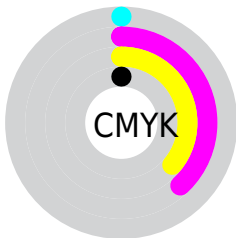
Blue (64%)



Red (100%)

Yellow (62%)

Blue (64%)

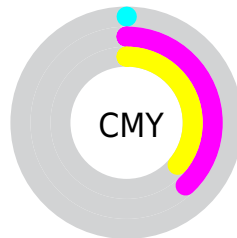


Cyan (0%)

Magenta (38%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 38.467, 19.920 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, 38.467, 19.920 by changing the saturation by 10% instead.

75, 38.467, 19.920

75, 38.467, 19.920

100, 38.467,
19.920

65, 38.467, 19.920

95, 38.467, 19.920

55, 38.467, 19.920

45, 38.467, 19.920

35, 38.467, 19.920

25, 38.467, 19.920

15, 38.467, 19.920

5, 38.467, 19.920

0, 38.467, 19.920

75, 38.467, 19.920

75, 38.467, 19.920

69, 50.047, 21.774

81, 27.361, 18.488

64, 61.844, 24.162

88, 16.890, 17.358

60, 73.485, 27.195

94, 7.113, 16.425

56, 84.524, 30.880

100, 0.252,
202.022

54, 94.340, 34.917

53, 101.617,
38.380

53, 102.764,
38.873

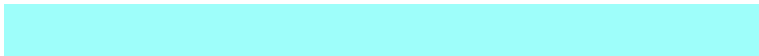
Harmonies

Complementary

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



75, 38.467, 19.920



94, 30.038, 193.592

Rectangle

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



75, 38.467, 19.920



75, 38.467, 69.920



75, 38.467, 199.920



75, 38.467, 249.920

Sweetspot

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



75, 38.464, 19.924



92, 10.225, 16.716



77, 59.080, 325.017



48, 6.905, 16.840



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, 38.464, 19.924



71, 46.922, 21.216



85, 31.581, 65.452



49, 5.256, 16.581



40, 82.447, 38.411



10, 33.030, 25.512

Inverse Universe

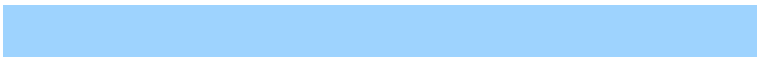
The Inverse Universe completely reimagines the original color for something new.



75, 38.464, 19.924



71, 46.922, 21.216



82, 27.355, 256.032



49, 5.256, 16.581



40, 82.447, 38.411



10, 33.030, 25.512

Previews

White Background



This preview shows how the CIELCh color 75, 38.467, 19.920 looks on a white background.

Color Contrast Check

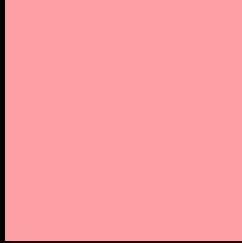
Large Text (above 18pt) WCAG AA × Fail

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, 38.467, 19.920 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, 38.467, 19.920

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.467, 19.920.

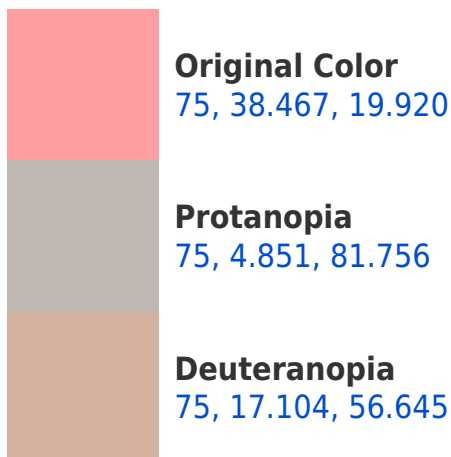


This preview shows how white text looks on a background with the CIELCh color 75, 38.467, 19.920.

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](#).

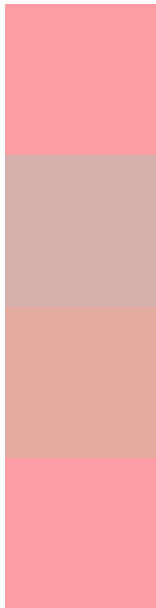
Dichromacy





Tritanopia
75, 39.016, 13.898

Trichromacy



Original Color
75, 38.467, 19.920

Protanomaly
75, 15.013, 28.790

Deuteranomaly
75, 23.393, 35.694

Tritanomaly
75, 39.045, 15.454

Monochromacy



Original Color
75, 38.467, 19.920

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 13.083, 18.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.467, 19.920 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(254, 158, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 158, 162)  
}
```

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(254, 158, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 158, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.467, 19.920 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(254, 158, 162) }
```

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

```
.border{ border-color:rgb(254, 158, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 158, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 158, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 158, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 158,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.467, 19.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 158, 162) }
```

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

```
.background{ background-color: rgb(254,  
158, 162) }
```

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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