

Converting Colors

CIELCh(76, 41.672, 24.635)

Have a look what the booklet for
CIELCh(76, 41.672, 24.635) contains.

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Color

CIELCh(75, 38.961, 24.536)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F9D
RGB	255, 159, 157
RGB Percent	100%, 62%, 62%
CMY	0.0016, 0.3779, 0.3857
CMYK	0.00, 0.38, 0.38, 0.00
HSL	1°, 99%, 81%
HSV	1°, 38%, 100%
XYZ	59.4837, 48.2781, 37.9240
YIQ	187.4760, 57.8580, 19.7300

Conversions

Conversions Part 2

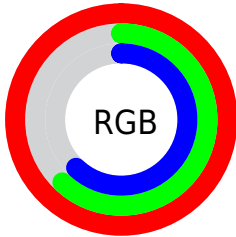
Format	Color
R_{YB}	255, 159, 157
Decimal	16752541
CIE _{Lab}	75.00, 35.44, 16.18
CIE _{LCh}	75, 38.961, 24.536
Yxy	48.2781, 0.4083, 0.3314
Android (android.graphics.Color)	4294942621 (0xFFFF9F9D)
YUV	187.4760, -15.0247, 59.2185
Hunter-Lab	69.4824, 31.2190, 16.2769

Details

The CIELCh color **75, 38.961, 24.536** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.499, 199.617**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.024, 26.348**, and **55, 39.133, 24.289** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.751, 26.205**, and if you desaturate by 10%, it is **81, 27.776, 23.274**.

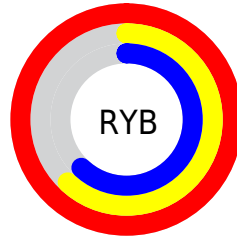
Distribution



Red (100%)

Green (62%)

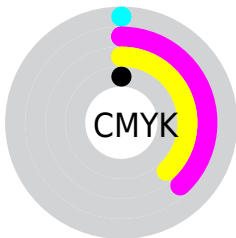
Blue (62%)



Red (100%)

Yellow (62%)

Blue (62%)

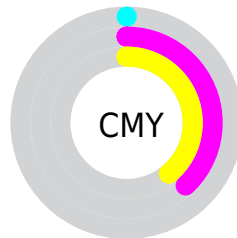


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 38.961, 24.536 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, 38.961, 24.536 by changing the saturation by 10% instead.

75, 38.961, 24.536

75, 38.961, 24.536

100, 38.961,
24.536

65, 38.961, 24.536

95, 38.961, 24.536

55, 38.961, 24.536

45, 38.961, 24.536

35, 38.961, 24.536

25, 38.961, 24.536

15, 38.961, 24.536

5, 38.961, 24.536

0, 38.961, 24.536

75, 38.961, 24.536

75, 38.961, 24.536

69, 50.751, 26.205

81, 27.776, 23.274

64, 62.922, 28.373

88, 17.322, 22.307

60, 75.112, 31.111

94, 7.631, 21.535

57, 86.779, 34.342

100, 0.139,
204.153

54, 96.893, 37.593

53, 103.425,
39.830

53, 104.206,
40.143

Harmonies

Complementary

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



75, 38.961, 24.536



94, 29.499, 199.617

Rectangle

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



75, 38.961, 24.536



75, 38.961, 74.536



75, 38.961, 204.536



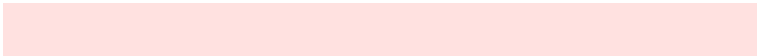
75, 38.961, 254.536

Sweetspot

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



75, 38.958, 24.540



92, 10.977, 21.794



77, 60.237, 326.989



48, 7.320, 21.893



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, 38.958, 24.540



71, 47.851, 25.751



86, 33.008, 72.261



50, 5.149, 21.611



40, 83.948, 40.205



10, 32.947, 28.170

Inverse Universe

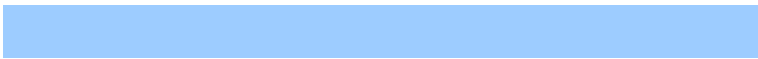
The Inverse Universe completely reimagines the original color for something new.



94, 29.499, 199.617



93, 34.010, 199.429



80, 29.899, 263.879



52, 4.844, 200.765



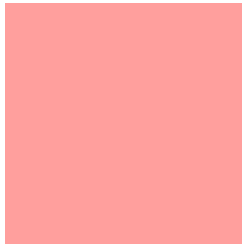
69, 39.222, 199.626



23, 18.105, 199.226

Previews

White Background



This preview shows how the CIELCh color 75, 38.961, 24.536 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, 38.961, 24.536 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, 38.961, 24.536

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.961, 24.536.

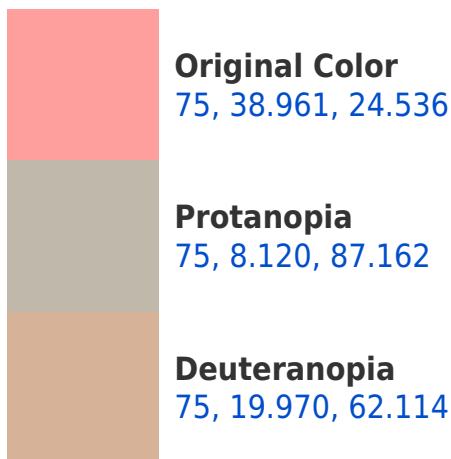


This preview shows how white text looks on a background with the CIELCh color 75, 38.961, 24.536.

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, 38.961, 24.536



Protanomaly
75, 16.784, 39.168



Deuteranomaly
75, 25.519, 41.935



Tritanomaly
75, 38.703, 17.658

Monochromacy



Original Color
75, 38.961, 24.536



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 13.537, 22.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.961, 24.536 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.961, 24.536 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, 157) }
```

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

```
.border{ border-color:rgb(255, 159, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.961, 24.536 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, 157) }
```

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

```
.background{ background-color: rgb(255,  
159, 157) }
```

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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