

Converting Colors

CIELCh(77, 47.214, 29.957)

Have a look what the booklet for
CIELCh(77, 47.214, 29.957) contains.

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Color

CIELCh(75, 40.103, 30.447)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F95
RGB	255, 159, 149
RGB Percent	100%, 62%, 58%
CMY	0.0000, 0.3761, 0.4153
CMYK	0.00, 0.38, 0.42, 0.00
HSL	6°, 100%, 79%
HSV	6°, 42%, 100%
XYZ	59.1214, 48.2781, 34.6722
YIQ	186.5640, 60.4260, 17.2420

Conversions

Conversions Part 2

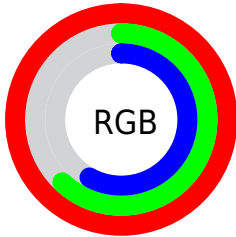
Format	Color
R _Y B	255, 160, 149
Decimal	16752533
CIE Lab	75.00, 34.57, 20.32
CIE LCh	75, 40.103, 30.447
Yxy	48.2781, 0.4161, 0.3398
Android (android.graphics.Color)	4294942613 (0xFFFF9F95)
YUV	186.5640, -18.5191, 60.0184
Hunter-Lab	69.4824, 30.2882, 19.0516

Details

The CIELCh color **75, 40.103, 30.447** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 29.265, 207.950**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.444, 42.473**, and **55, 40.036, 30.494** is the 20% darker color. If you saturate the color by 10%, you get **70, 51.579, 31.729**, and if you desaturate by 10%, it is **81, 29.224, 29.515**.

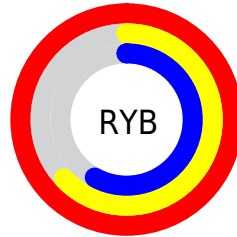
Distribution



Red (100%)

Green (62%)

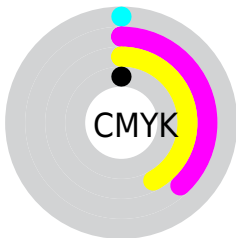
Blue (58%)



Red (100%)

Yellow (63%)

Blue (58%)

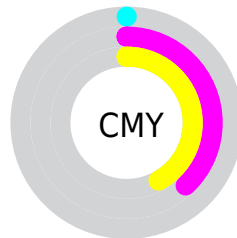


Cyan (0%)

Magenta (38%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 40.103, 30.447 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, 40.103, 30.447 by changing the saturation by 10% instead.

 75, 40.103, 30.447

 75, 40.103, 30.447

 100, 40.103,
30.447

 65, 40.103, 30.447

 95, 40.103, 30.447

 55, 40.103, 30.447

 45, 40.103, 30.447

 35, 40.103, 30.447

 25, 40.103, 30.447

 15, 40.103, 30.447

 5, 40.103, 30.447

 0, 40.103, 30.447

 75, 40.103, 30.447

 75, 40.103, 30.447

70, 51.579, 31.729

81, 29.224, 29.515

65, 63.607, 33.400

87, 19.146, 28.835

61, 75.814, 35.478

93, 9.835, 28.337

58, 87.581, 37.813

99, 1.255, 27.563

55, 97.556, 39.850

100, 0.012,
296.813

54, 103.183,
40.835

Harmonies

Complementary

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



75, 40.103, 30.447



91, 29.265, 207.950

Rectangle

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



75, 40.103, 30.447



75, 40.103, 80.447



75, 40.103, 210.447



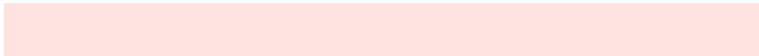
75, 40.103, 260.447

Sweetspot

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



75, 40.060, 30.456



92, 10.252, 28.358



76, 62.019, 329.175



48, 6.837, 28.416



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, 40.060, 30.456



70, 49.773, 31.509



87, 37.150, 78.304



50, 4.807, 28.248



40, 82.819, 41.058



11, 31.580, 31.805

Inverse Universe

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



91, 29.265, 207.950



90, 33.664, 208.218



77, 35.027, 271.299



52, 4.517, 207.955



65, 36.099, 213.137



21, 16.772, 210.899

Previews

White Background



This preview shows how the CIELCh color 75, 40.103, 30.447 looks on a white background.

Color Contrast Check

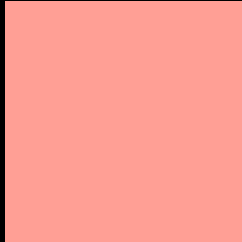
Large Text (above 18pt) WCAG AA × Fail

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, 40.103, 30.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

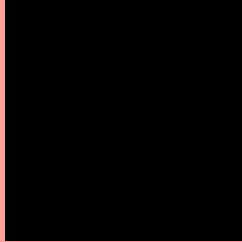
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 40.103, 30.447

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.103, 30.447.

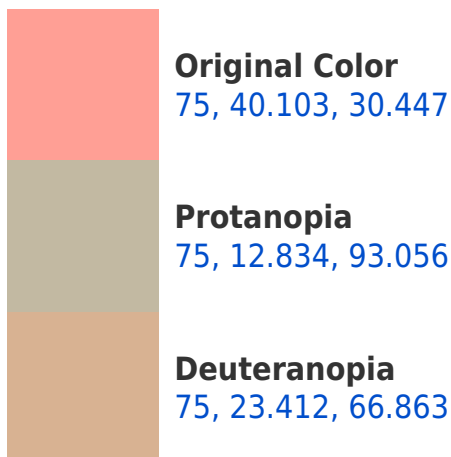


This preview shows how white text looks on a background with the CIELCh color 75, 40.103, 30.447.

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](#).

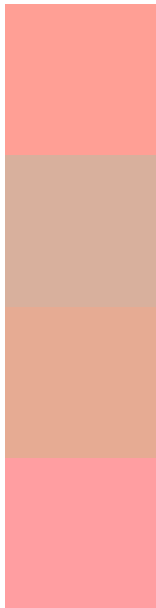
Dichromacy





Tritanopia
75, 39.026, 14.676

Trichromacy



Original Color
75, 40.103, 30.447

Protanomaly
75, 19.197, 52.358

Deuteranomaly
75, 27.856, 48.356

Tritanomaly
75, 38.944, 20.767

Monochromacy



Original Color
75, 40.103, 30.447

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 13.791, 29.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.103, 30.447 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.103, 30.447 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, 149) }
```

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

```
.border{ border-color:rgb(255, 159, 149) }
```

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, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.103, 30.447 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, 149) }
```

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

```
.background{ background-color: rgb(255,  
159, 149) }
```

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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