

Converting Colors

CIELCh(75, 41.110, 31.236)

Have a look what the booklet for
CIELCh(75, 41.110, 31.236) contains.

CIELCh(75, 40.459, 31.863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 40.459, 31.863)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F93
RGB	255, 159, 147
RGB Percent	100%, 62%, 58%
CMY	0.0000, 0.3757, 0.4228
CMYK	0.00, 0.38, 0.42, 0.00
HSL	7°, 100%, 79%
HSV	7°, 42%, 100%
XYZ	59.0340, 48.2781, 33.8891
YIQ	186.3360, 61.0680, 16.6200

Conversions

Conversions Part 2

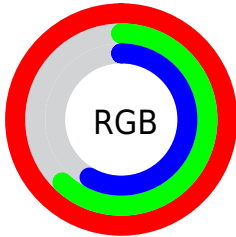
Format	Color
R _Y B	255, 161, 147
Decimal	16752531
CIE Lab	75.00, 34.36, 21.36
CIE LCh	75, 40.459, 31.863
Yxy	48.2781, 0.4181, 0.3419
Android (android.graphics.Color)	4294942611 (0xFFFF9F93)
YUV	186.3360, -19.3926, 60.2183
Hunter-Lab	69.4824, 30.0638, 19.7199

Details

The CIELCh color **75, 40.459, 31.863** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 29.268, 210.076**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.923, 45.600**, and **55, 40.450, 31.980** is the 20% darker color. If you saturate the color by 10%, you get **70, 51.829, 33.053**, and if you desaturate by 10%, it is **81, 29.598, 31.025**.

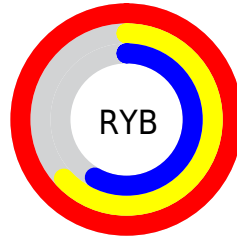
Distribution



Red (100%)

Green (62%)

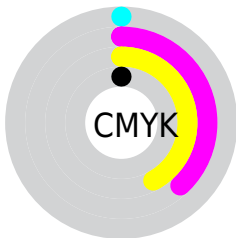
Blue (58%)



Red (100%)

Yellow (63%)

Blue (58%)

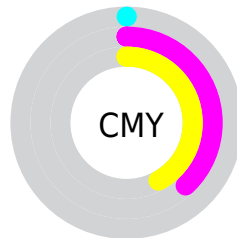


Cyan (0%)

Magenta (38%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 40.459, 31.863 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, 40.459, 31.863 by changing the saturation by 10% instead.

75, 40.459, 31.863

75, 40.459, 31.863

100, 40.459,
31.863

65, 40.459, 31.863

95, 40.459, 31.863

55, 40.459, 31.863

45, 40.459, 31.863

35, 40.459, 31.863

25, 40.459, 31.863

15, 40.459, 31.863

5, 40.459, 31.863

0, 40.459, 31.863

75, 40.459, 31.863

75, 40.459, 31.863

70, 51.829, 33.053

81, 29.598, 31.025

65, 63.819, 34.597

86, 19.593, 30.419

61, 76.010, 36.513

92, 10.354, 29.993

58, 87.752, 38.628

99, 1.842, 29.448

55, 97.619, 40.370

100, 0.012,
296.813

54, 102.788,
41.081

Harmonies

Complementary

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



75, 40.459, 31.863



91, 29.268, 210.076

Rectangle

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



75, 40.459, 31.863



75, 40.459, 81.863



75, 40.459, 211.863



75, 40.459, 261.863

Sweetspot

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



75, 40.366, 31.880



92, 10.996, 30.020



75, 62.354, 329.760



48, 7.766, 30.104



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, 40.366, 31.880



70, 50.330, 32.883



87, 38.239, 79.733



50, 4.739, 29.891



41, 82.468, 41.334



11, 31.301, 32.638

Inverse Universe

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



91, 29.268, 210.076



89, 33.673, 210.489



76, 36.433, 272.996



52, 4.454, 209.738



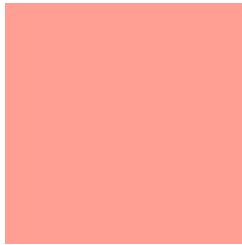
64, 35.659, 216.570



21, 16.561, 213.844

Previews

White Background



This preview shows how the CIELCh color 75, 40.459, 31.863 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, 40.459, 31.863 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, 40.459, 31.863

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.459, 31.863.

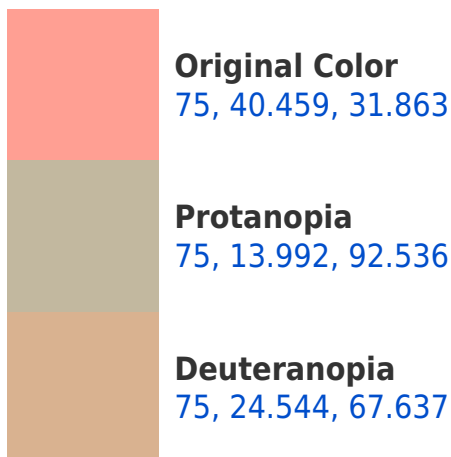


This preview shows how white text looks on a background with the CIELCh color 75, 40.459, 31.863.

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](#).

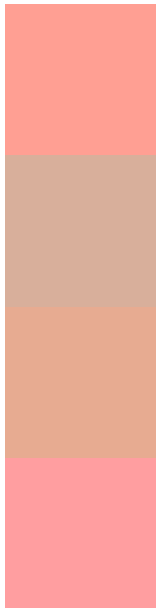
Dichromacy





Tritanopia
75, 39.026, 14.676

Trichromacy



Original Color
75, 40.459, 31.863

Protanomaly
75, 19.899, 52.954

Deuteranomaly
75, 28.853, 49.701

Tritanomaly
75, 39.024, 21.537

Monochromacy



Original Color
75, 40.459, 31.863

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 13.808, 29.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.459, 31.863 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.459, 31.863 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, 147) }
```

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

```
.border{ border-color:rgb(255, 159, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.459, 31.863 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
159, 147) }
```

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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