

Converting Colors

CIELCh(88, 80.162, 31.299)

Have a look what the booklet for
CIELCh(88, 80.162, 31.299) contains.

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Color

CIELCh(75, 40.374, 33.311)

Conversions

Conversions Part 1

Format	Color
Hex	FFA092
RGB	255, 160, 146
RGB Percent	100%, 63%, 57%
CMY	0.0015, 0.3738, 0.4287
CMYK	0.00, 0.37, 0.43, 0.00
HSL	8°, 99%, 78%
HSV	8°, 43%, 100%
XYZ	58.7763, 48.2781, 33.2815
YIQ	186.8090, 61.1140, 15.7860

Conversions

Conversions Part 2

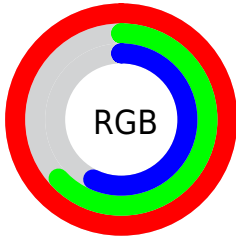
Format	Color
R _Y B	255, 162, 146
Decimal	16752786
CIE Lab	75.00, 33.74, 22.17
CIE LCh	75, 40.374, 33.311
Yxy	48.2781, 0.4188, 0.3440
Android (android.graphics.Color)	4294942866 (0xFFFFA092)
YUV	186.8090, -20.1188, 59.8035
Hunter-Lab	69.4824, 29.4017, 20.2383

Details

The CIELCh color **75, 40.374, 33.311** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 29.133, 212.285**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 17.090, 49.147**, and **55, 40.379, 33.457** is the 20% darker color. If you saturate the color by 10%, you get **70, 51.751, 34.374**, and if you desaturate by 10%, it is **80, 29.699, 32.556**.

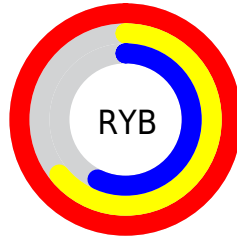
Distribution



Red (100%)

Green (63%)

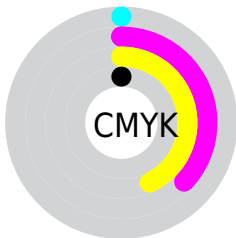
Blue (57%)



Red (100%)

Yellow (64%)

Blue (57%)

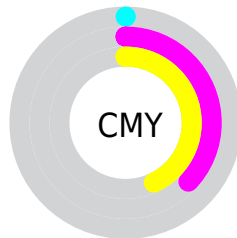


Cyan (0%)

Magenta (37%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 40.374, 33.311 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, 40.374, 33.311 by changing the saturation by 10% instead.

 75, 40.374, 33.311

 75, 40.374, 33.311

 100, 40.374,
33.311

 65, 40.374, 33.311

 95, 40.374, 33.311

 55, 40.374, 33.311

 45, 40.374, 33.311

 35, 40.374, 33.311

 25, 40.374, 33.311

 15, 40.374, 33.311

 5, 40.374, 33.311

 0, 40.374, 33.311

 75, 40.374, 33.311

 75, 40.374, 33.311

70, 51.751, 34.374

80, 29.699, 32.556

65, 63.677, 35.778

86, 19.792, 32.035

61, 75.828, 37.517

92, 10.648, 31.686

58, 87.538, 39.407

98, 2.226, 31.273

55, 97.334, 40.870

100, 0.131,
204.470

54, 102.219,
41.369

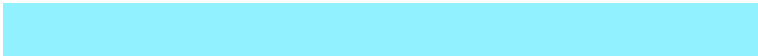
Harmonies

Complementary

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



75, 40.374, 33.311



90, 29.133, 212.285

Rectangle

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



75, 40.374, 33.311



75, 40.374, 83.311



75, 40.374, 213.311



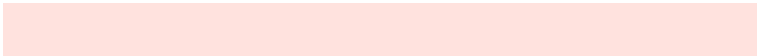
75, 40.374, 263.311

Sweetspot

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



75, 40.372, 33.315



92, 10.847, 31.692



75, 62.277, 330.348



48, 7.661, 31.759



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, 40.372, 33.315



71, 49.730, 34.161



87, 39.091, 81.161



50, 4.675, 31.591



41, 82.073, 41.651



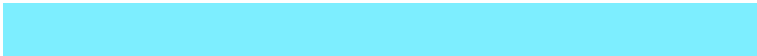
11, 31.032, 33.477

Inverse Universe

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



90, 29.133, 212.285



88, 33.253, 212.799



75, 37.646, 274.575



52, 4.394, 211.583



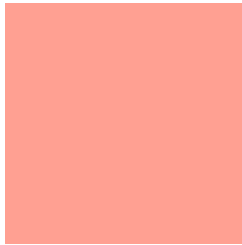
63, 35.334, 220.125



21, 16.388, 216.897

Previews

White Background



This preview shows how the CIELCh color 75, 40.374, 33.311 looks on a white background.

Color Contrast Check

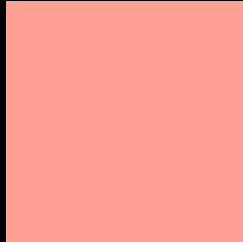
Large Text (above 18pt) WCAG AA × Fail

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, 40.374, 33.311 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, 40.374, 33.311

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.374, 33.311.

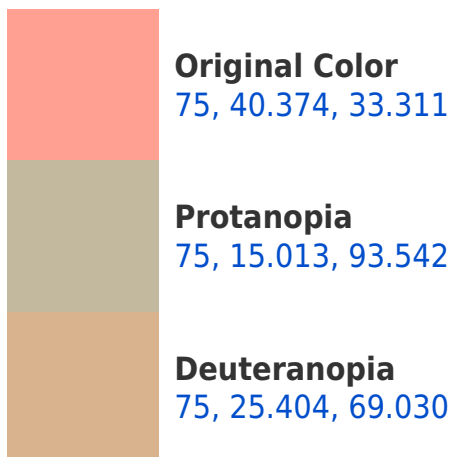


This preview shows how white text looks on a background with the CIELCh color 75, 40.374, 33.311.

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, 40.374, 33.311

Protanomaly
75, 20.546, 55.286

Deuteranomaly
75, 29.499, 51.336

Tritanomaly
75, 39.024, 21.537

Monochromacy



Original Color
75, 40.374, 33.311

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 13.935, 31.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.374, 33.311 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, 160, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 146)  
}
```

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, 160, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.374, 33.311 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, 160, 146) }
```

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

```
.border{ border-color:rgb(255, 160, 146) }
```

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

Here you see how a box with a 4 pixel rgb(255, 160, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.374, 33.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 146) }
```

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

```
.background{ background-color: rgb(255,  
160, 146) }
```

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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