

Converting Colors

CIELCh(75, 37.057, 30.755)

Have a look what the booklet for
CIELCh(75, 37.057, 30.755) contains.

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Color

CIELCh(75, 37.106, 30.769)

Conversions

Conversions Part 1

Format	Color
Hex	FAA197
RGB	250, 161, 151
RGB Percent	98%, 63%, 59%
CMY	0.0179, 0.3671, 0.4063
CMYK	0.00, 0.36, 0.40, 0.02
HSL	6°, 92%, 79%
HSV	6°, 40%, 98%
XYZ	58.0106, 48.2781, 35.7022
YIQ	186.4710, 56.2540, 15.7580

Conversions

Conversions Part 2

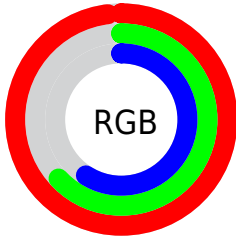
Format	Color
RYB	250, 162, 151
Decimal	16425367
CIELab	75.00, 31.88, 18.98
CIELCh	75, 37.106, 30.769
Yxy	48.2781, 0.4086, 0.3400
Android (android.graphics.Color)	4294615447 (0xFFFAA197)
YUV	186.4710, -17.4872, 55.7149
Hunter-Lab	69.4824, 27.4347, 18.1727

Details

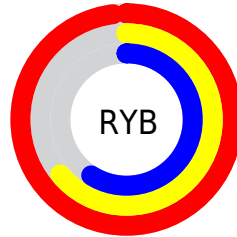
The CIELCh color **75, 37.106, 30.769** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 27.582, 208.709**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.693, 43.504**, and **55, 37.263, 30.593** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.288, 31.925**, and if you desaturate by 10%, it is **81, 26.621, 29.932**.

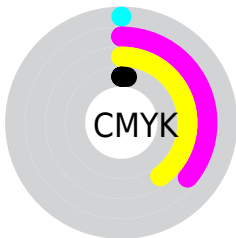
Distribution



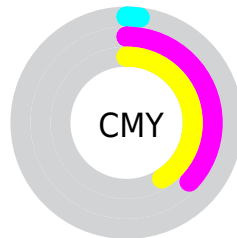
- Red (98%)
- Green (63%)
- Blue (59%)



- Red (98%)
- Yellow (64%)
- Blue (59%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (2%)



- Cyan (2%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 37.106, 30.769 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, 37.106, 30.769 by changing the saturation by 10% instead.

75, 37.106, 30.769

75, 37.106, 30.769

100, 37.106,
30.769

65, 37.106, 30.769

95, 37.106, 30.769

55, 37.106, 30.769

45, 37.106, 30.769

35, 37.106, 30.769

25, 37.106, 30.769

15, 37.106, 30.769

5, 37.106, 30.769

0, 37.106, 30.769

75, 37.106, 30.769

75, 37.106, 30.769

70, 48.288, 31.925

81, 26.621, 29.932

65, 60.030, 33.452

86, 16.894, 29.330

61, 72.051, 35.379

93, 7.915, 28.886

57, 83.826, 37.602

99, 0.357, 210.558

55, 94.228, 39.682

100, 1.585,
199.723

53, 101.342,
40.875

53, 101.614,
40.939

Harmonies

Complementary

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



75, 37.106, 30.769



90, 27.582, 208.709

Rectangle

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



75, 37.106, 30.769



75, 37.106, 80.769



75, 37.106, 210.769



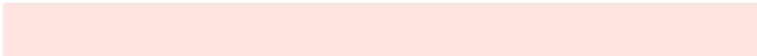
75, 37.106, 260.769

Sweetspot

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



75, 37.104, 30.773



93, 10.195, 28.987



75, 57.704, 329.598



48, 6.799, 29.042



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, 37.104, 30.773



72, 46.050, 31.603



87, 35.122, 80.125



49, 4.701, 28.884



40, 81.847, 41.175



10, 30.240, 31.309

Inverse Universe

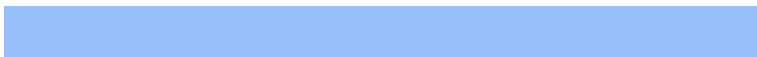
The Inverse Universe completely reimagines the original color for something new.



90, 27.582, 208.709



90, 32.005, 208.949



77, 33.561, 272.328



51, 4.418, 208.646



64, 35.558, 214.447



20, 16.255, 211.908

Previews

White Background



This preview shows how the CIELCh color 75, 37.106, 30.769 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, 37.106, 30.769 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, 37.106, 30.769

Background



This preview shows how black text looks on a background with the CIELCh color 75, 37.106, 30.769.

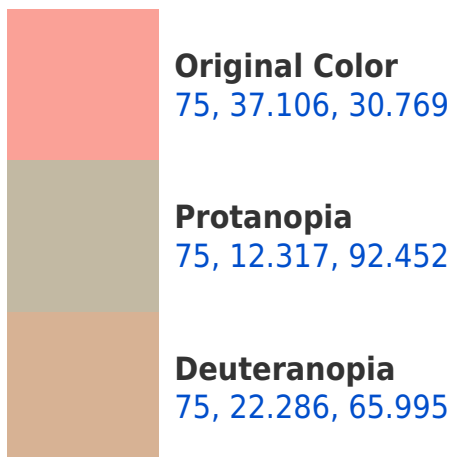


This preview shows how white text looks on a background with the CIELCh color 75, 37.106, 30.769.

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, 36.973, 13.950

Trichromacy



Original Color
75, 37.106, 30.769

Protanomaly
75, 18.214, 50.361

Deuteranomaly
75, 26.387, 48.617

Tritanomaly
75, 36.418, 20.327

Monochromacy



Original Color
75, 37.106, 30.769

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 12.597, 30.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 37.106, 30.769 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(250, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(250, 161, 151)  
}
```

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(250, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 161, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 37.106, 30.769 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(250, 161, 151) }
```

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

```
.border{ border-color:rgb(250, 161, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 161, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 161, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 161, 151);  
box-shadow:4px 4px 4px 4px rgb(250, 161,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 37.106, 30.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 161, 151) }
```

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

```
.background{ background-color: rgb(250,  
161, 151) }
```

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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