

Converting Colors

CIELCh(77, 38.524, 37.110)

Have a look what the booklet for
CIELCh(77, 38.524, 37.110) contains.

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Color

CIELCh(77, 37.965, 36.766)

Conversions

Conversions Part 1

Format	Color
Hex	FFA896
RGB	255, 168, 150
RGB Percent	100%, 66%, 59%
CMY	0.0000, 0.3421, 0.4128
CMYK	0.00, 0.34, 0.41, 0.00
HSL	10°, 100%, 79%
HSV	10°, 41%, 100%
XYZ	60.9947, 51.5317, 35.4751
YIQ	191.9610, 57.6300, 12.8460

Conversions

Conversions Part 2

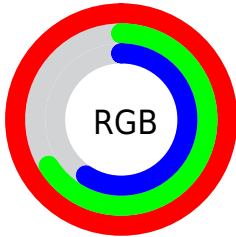
Format	Color
R _Y B	255, 172, 150
Decimal	16754838
CIE Lab	77.00, 30.41, 22.72
CIE LCh	77, 37.965, 36.766
Yxy	51.5317, 0.4121, 0.3482
Android (android.graphics.Color)	4294944918 (0xFFFFA896)
YUV	191.9610, -20.6868, 55.2852
Hunter-Lab	71.7856, 26.0428, 20.9499

Details

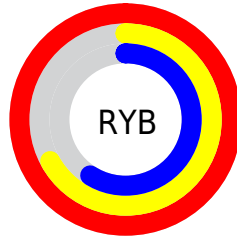
The CIELCh color **77, 37.965, 36.766** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 27.601, 217.916**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.680, 60.922**, and **57, 37.694, 36.837** is the 20% darker color. If you saturate the color by 10%, you get **72, 48.645, 37.564**, and if you desaturate by 10%, it is **82, 27.337, 36.441**.

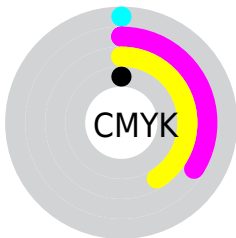
Distribution



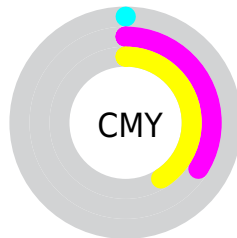
- Red (100%)
- Green (66%)
- Blue (59%)



- Red (100%)
- Yellow (67%)
- Blue (59%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 37.965, 36.766 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 77, 37.965, 36.766 by changing the saturation by 10% instead.

77, 37.965, 36.766

77, 37.965, 36.766

100, 37.965,
36.766

67, 37.965, 36.766

97, 37.965, 36.766

57, 37.965, 36.766

47, 37.965, 36.766

37, 37.965, 36.766

27, 37.965, 36.766

17, 37.965, 36.766

7, 37.965, 36.766

0, 37.965, 36.766

77, 37.965, 36.766

77, 37.965, 36.766

72, 48.645, 37.564

82, 27.337, 36.441

67, 60.307, 38.525

88, 17.825, 36.194

63, 72.343, 39.752

93, 9.058, 36.080

60, 84.182, 41.098

99, 0.984, 35.523

57, 94.536, 42.099

100, 0.012,
296.813

55, 100.969,
42.271

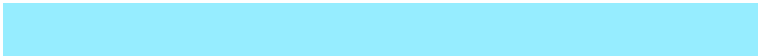
Harmonies

Complementary

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



77, 37.965, 36.766



89, 27.601, 217.916

Rectangle

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



77, 37.965, 36.766



77, 37.965, 86.766



77, 37.965, 216.766



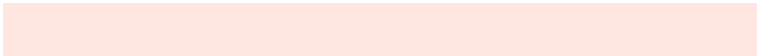
77, 37.965, 266.766

Sweetspot

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



77, 37.619, 36.881



93, 9.666, 36.086



76, 58.277, 332.016



49, 6.447, 36.097



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 37.619, 36.881



73, 47.196, 37.462



89, 39.058, 85.662



50, 4.532, 36.065



42, 80.905, 42.631



11, 30.401, 35.605

Inverse Universe

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



89, 27.601, 217.916



87, 31.968, 218.763



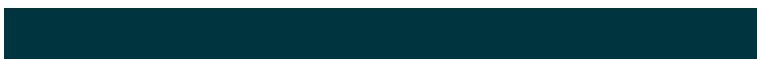
75, 38.790, 278.243



52, 4.264, 216.436



60, 35.085, 229.377



20, 16.148, 224.888

Previews

White Background



This preview shows how the CIELCh color 77, 37.965, 36.766 looks on a white background.

Color Contrast Check

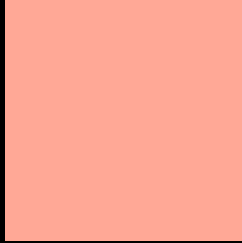
Large Text (above 18pt) WCAG AA × Fail

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 77, 37.965, 36.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

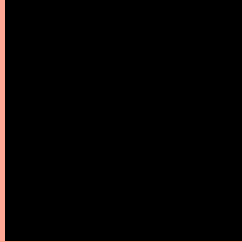
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 37.965, 36.766

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.965, 36.766.

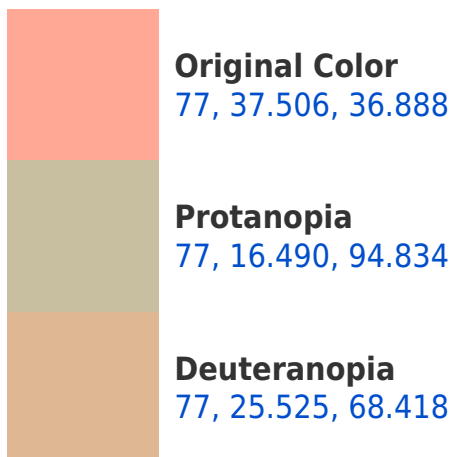


This preview shows how white text looks on a background with the CIELCh color 77, 37.965, 36.766.

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
77, 35.569, 12.535

Trichromacy



Original Color
77, 37.506, 36.888

Protanomaly
77, 20.874, 61.653

Deuteranomaly
77, 28.863, 53.006

Tritanomaly
77, 35.496, 21.761

Monochromacy



Original Color
77, 37.506, 36.888

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.804, 34.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 37.965, 36.766 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, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 150)  
}
```

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, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.965, 36.766 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, 168, 150) }
```

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

```
.border{ border-color:rgb(255, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 168, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 168, 150); box-shadow:4px 4px 4px 4px rgb(255, 168, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.965, 36.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 150) }
```

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

```
.background{ background-color: rgb(255,  
168, 150) }
```

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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