

Converting Colors

CIELCh(77, 37.199, 33.737)

Have a look what the booklet for
CIELCh(77, 37.199, 33.737) contains.

CIELCh(77, 36.934, 33.066)	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(77, 36.934, 33.066)

Conversions

Conversions Part 1

Format	Color
Hex	FFA89A
RGB	255, 168, 154
RGB Percent	100%, 66%, 60%
CMY	0.0000, 0.3431, 0.3942
CMYK	0.00, 0.34, 0.39, 0.00
HSL	8°, 100%, 80%
HSV	8°, 39%, 100%
XYZ	61.2237, 51.5317, 37.5019
YIQ	192.4170, 56.3460, 14.0900

Conversions

Conversions Part 2

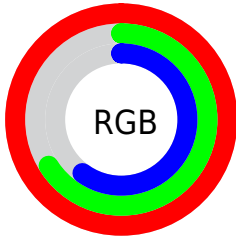
Format	Color
R _Y B	255, 170, 154
Decimal	16754842
CIE Lab	77.00, 30.95, 20.15
CIE LCh	77, 36.934, 33.066
Yxy	51.5317, 0.4075, 0.3430
Android (android.graphics.Color)	4294944922 (0xFFFFA89A)
YUV	192.4170, -18.9396, 54.8853
Hunter-Lab	71.7856, 26.6122, 19.2759

Details

The CIELCh color **77, 36.934, 33.066** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 27.297, 212.257**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 14.324, 55.052**, and **57, 36.749, 33.738** is the 20% darker color. If you saturate the color by 10%, you get **72, 47.868, 34.063**, and if you desaturate by 10%, it is **83, 26.285, 32.454**.

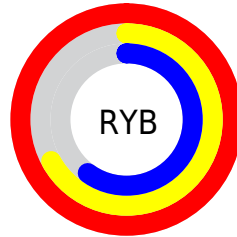
Distribution



Red (100%)

Green (66%)

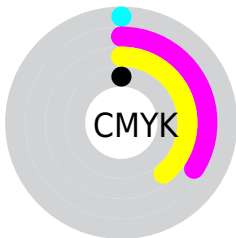
Blue (60%)



Red (100%)

Yellow (67%)

Blue (60%)

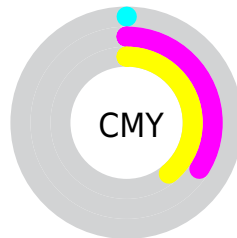


Cyan (0%)

Magenta (34%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 36.934, 33.066 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, 36.934, 33.066 by changing the saturation by 10% instead.

77, 36.934, 33.066

77, 36.934, 33.066

100, 36.934,
33.066

67, 36.934, 33.066

97, 36.934, 33.066

57, 36.934, 33.066

47, 36.934, 33.066

37, 36.934, 33.066

27, 36.934, 33.066

17, 36.934, 33.066

7, 36.934, 33.066

0, 36.934, 33.066

77, 36.934, 33.066

77, 36.934, 33.066

72, 47.868, 34.063

83, 26.285, 32.454

67, 59.645, 35.339

88, 16.633, 32.005

63, 71.783, 36.962

94, 7.735, 31.696

59, 83.767, 38.827

100, 0.012,
296.813

56, 94.465, 40.519

54, 101.935,
41.328

54, 102.306,
41.387

Harmonies

Complementary

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



77, 36.934, 33.066



91, 27.297, 212.257

Rectangle

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



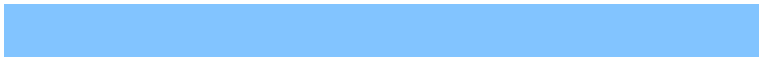
77, 36.934, 33.066



77, 36.934, 83.066



77, 36.934, 213.066



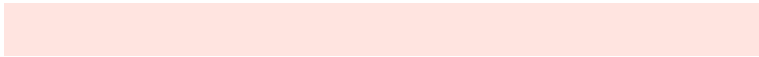
77, 36.934, 263.066

Sweetspot

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



77, 36.708, 33.119



93, 9.962, 31.769



77, 57.710, 330.145



49, 6.644, 31.807



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, 36.708, 33.119



73, 45.105, 33.806



88, 35.912, 81.639



50, 4.671, 31.699



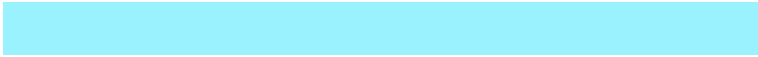
41, 82.047, 41.672



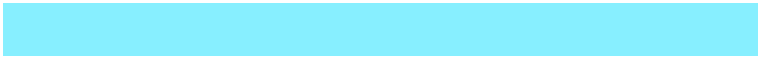
11, 31.016, 33.530

Inverse Universe

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



91, 27.297, 212.257



89, 31.317, 212.670



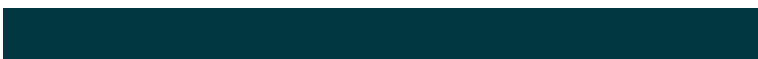
77, 34.671, 273.766



52, 4.390, 211.699



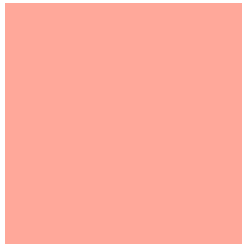
63, 35.318, 220.350



21, 16.379, 217.090

Previews

White Background



This preview shows how the CIELCh color 77, 36.934, 33.066 looks on a white background.

Color Contrast Check

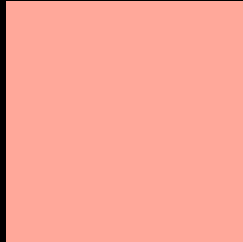
Large Text (above 18pt) WCAG AA × Fail

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 77, 36.934, 33.066 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, 36.934, 33.066

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.934, 33.066.

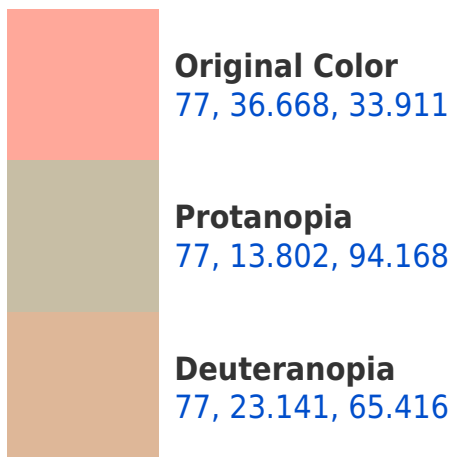


This preview shows how white text looks on a background with the CIELCh color 77, 36.934, 33.066.

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, 36.668, 33.911

Protanomaly
77, 18.704, 56.928

Deuteranomaly
77, 26.882, 49.165

Tritanomaly
77, 35.354, 20.070

Monochromacy



Original Color
77, 36.668, 33.911

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.652, 32.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.934, 33.066 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.934, 33.066 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, 154) }
```

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

```
.border{ border-color:rgb(255, 168, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 168, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 168, 154); box-shadow:4px 4px 4px 4px rgb(255, 168, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.934, 33.066 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
168, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor