

Converting Colors

CIELCh(94, 87.253, 24.949)

Have a look what the booklet for
CIELCh(94, 87.253, 24.949) contains.

CIELCh(77, 36.023, 16.072)	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, 36.023, 16.072)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5AD
RGB	255, 165, 173
RGB Percent	100%, 65%, 68%
CMY	0.0000, 0.3520, 0.3207
CMYK	0.00, 0.35, 0.32, 0.00
HSL	355°, 100%, 82%
HSV	355°, 35%, 100%
XYZ	62.7949, 51.5317, 46.2777
YIQ	192.8220, 51.0720, 21.5680

Conversions

Conversions Part 2

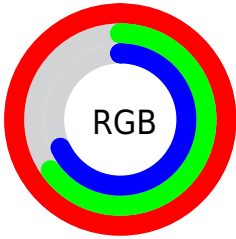
Format	Color
R_{YB}	255, 165, 173
Decimal	16754093
CIE Lab	77.00, 34.62, 9.97
CIE LCh	77, 36.023, 16.072
Yxy	51.5317, 0.3910, 0.3209
Android (android.graphics.Color)	4294944173 (0xFFFFA5AD)
YUV	192.8220, -9.7722, 54.5301
Hunter-Lab	71.7856, 30.5191, 12.0278

Details

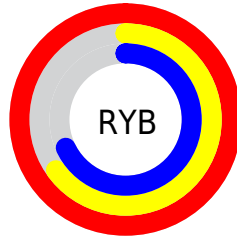
The CIELCh color **77, 36.023, 16.072** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 28.904, 189.383**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.887, 4.063**, and **57, 35.470, 15.751** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.734, 17.723**, and if you desaturate by 10%, it is **83, 24.657, 14.494**.

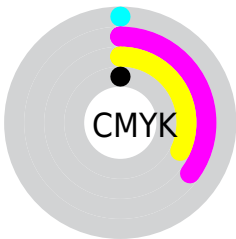
Distribution



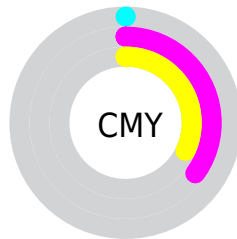
- Red (100%)
- Green (65%)
- Blue (68%)



- Red (100%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 36.023, 16.072 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, 36.023, 16.072 by changing the saturation by 10% instead.

77, 36.023, 16.072

77, 36.023, 16.072

100, 36.023,
16.072

67, 36.023, 16.072

97, 36.023, 16.072

57, 36.023, 16.072

47, 36.023, 16.072

37, 36.023, 16.072

27, 36.023, 16.072

17, 36.023, 16.072

7, 36.023, 16.072

0, 36.023, 16.072

77, 36.023, 16.072

77, 36.023, 16.072

71, 46.734, 17.723

83, 24.657, 14.494

66, 58.140, 20.029

90, 14.395, 13.344

61, 69.346, 22.971

96, 4.764, 12.334

57, 79.954, 26.641

100, 0.012,
296.813

55, 89.580, 30.953

54, 97.682, 35.414

53, 100.812,
37.210

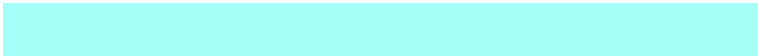
Harmonies

Complementary

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



77, 36.023, 16.072



94, 28.904, 189.383

Rectangle

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



77, 36.023, 16.072



77, 36.023, 66.072



77, 36.023, 196.072



77, 36.023, 246.072

Sweetspot

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



77, 35.487, 15.919



93, 10.268, 12.917



78, 54.676, 323.413



48, 6.931, 13.052



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, 35.487, 15.919



73, 43.098, 17.097



85, 29.051, 60.350



50, 5.280, 12.769



40, 80.496, 36.499



10, 32.678, 23.576

Inverse Universe

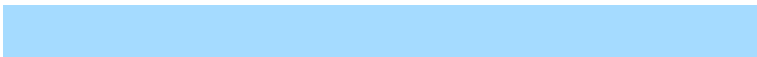
The Inverse Universe completely reimagines the original color for something new.



77, 35.487, 15.919



73, 43.098, 17.097



85, 24.635, 249.121



50, 5.280, 12.769



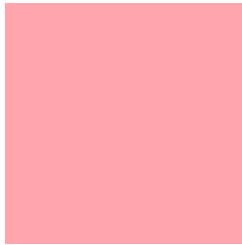
40, 80.496, 36.499



10, 32.678, 23.576

Previews

White Background



This preview shows how the CIELCh color 77, 36.023, 16.072 looks on a white background.

Color Contrast Check

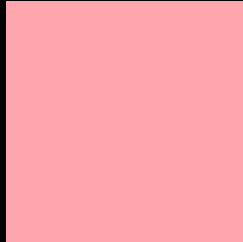
Large Text (above 18pt) WCAG AA × Fail

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, 36.023, 16.072 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, 36.023, 16.072

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.023, 16.072.

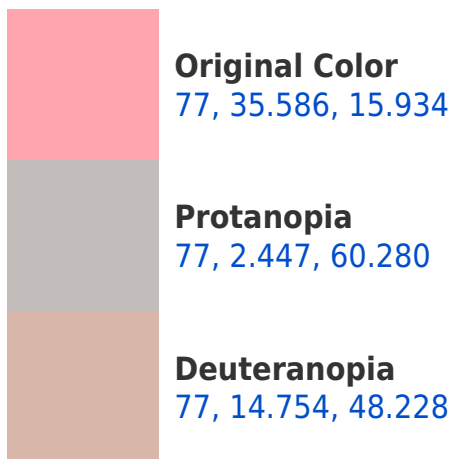


This preview shows how white text looks on a background with the CIELCh color 77, 36.023, 16.072.

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, 35.586, 15.934



Protanomaly
76, 13.822, 18.327



Deuteranomaly
77, 21.200, 29.717



Tritanomaly
77, 35.561, 13.385

Monochromacy



Original Color
77, 35.586, 15.934



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 12.642, 13.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.023, 16.072 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, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 173)  
}
```

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, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.023, 16.072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

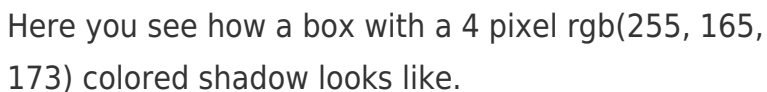
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 165, 173) }
```

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

```
.border{ border-color:rgb(255, 165, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 165, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 165, 173); box-shadow:4px 4px 4px 4px rgb(255, 165, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.023, 16.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 173) }
```

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

```
.background{ background-color: rgb(255,  
165, 173) }
```

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