

Converting Colors

CIELCh(77, 35.127, 14.627)

Have a look what the booklet for
CIELCh(77, 35.127, 14.627) contains.

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Color

CIELCh(77, 35.135, 14.936)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6AF
RGB	255, 166, 175
RGB Percent	100%, 65%, 69%
CMY	0.0007, 0.3496, 0.3143
CMYK	0.00, 0.35, 0.31, 0.00
HSL	354°, 100%, 82%
HSV	354°, 35%, 100%
XYZ	62.5068, 51.5317, 47.1296
YIQ	193.6370, 50.1550, 21.6670

Conversions

Conversions Part 2

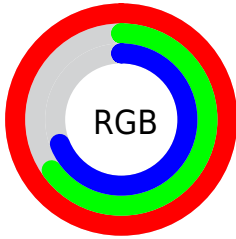
Format	Color
R _Y B	255, 166, 175
Decimal	16754351
CIE Lab	77.00, 33.95, 9.06
CIE LCh	77, 35.135, 14.936
Yxy	51.5317, 0.3878, 0.3197
Android (android.graphics.Color)	4294944431 (0xFFFFA6AF)
YUV	193.6370, -9.1880, 53.8154
Hunter-Lab	71.7856, 29.8026, 11.3242

Details

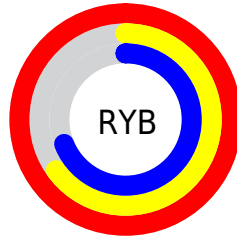
The CIELCh color **77, 35.135, 14.936** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 28.843, 188.310**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.664, 1.304**, and **57, 34.978, 14.642** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.306, 16.743**, and if you desaturate by 10%, it is **83, 24.353, 13.509**.

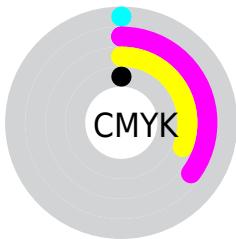
Distribution



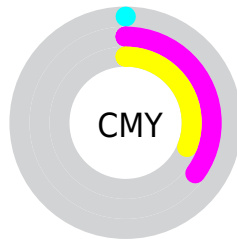
- Red (100%)
- Green (65%)
- Blue (69%)



- Red (100%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.135, 14.936 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, 35.135, 14.936 by changing the saturation by 10% instead.

 77, 35.135, 14.936

 77, 35.135, 14.936

 100, 35.135,
14.936

 67, 35.135, 14.936

 97, 35.135, 14.936

 57, 35.135, 14.936

 47, 35.135, 14.936

 37, 35.135, 14.936

 27, 35.135, 14.936

 17, 35.135, 14.936

 7, 35.135, 14.936

 0, 35.135, 14.936

 77, 35.135, 14.936

 77, 35.135, 14.936

71, 46.306, 16.743

83, 24.353, 13.509

66, 57.613, 19.044

90, 14.122, 12.348

61, 68.692, 21.978

97, 4.504, 11.318

58, 79.147, 25.648

100, 0.060,
210.542

55, 88.623, 30.003

54, 96.690, 34.613

53, 100.080,
36.657

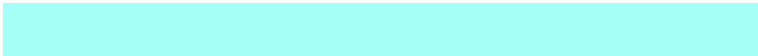
Harmonies

Complementary

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



77, 35.135, 14.936



94, 28.843, 188.310

Rectangle

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



77, 35.135, 14.936



77, 35.135, 64.936



77, 35.135, 194.936



77, 35.135, 244.936

Sweetspot

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



77, 35.132, 14.940



93, 9.320, 11.843



78, 54.001, 322.901



49, 6.388, 11.985



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, 35.132, 14.940



73, 43.043, 16.172



85, 28.748, 58.562



50, 5.290, 11.794



40, 79.924, 35.898



10, 32.594, 23.070

Inverse Universe

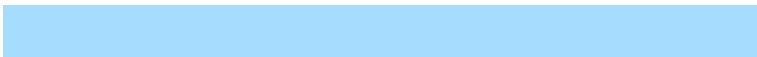
The Inverse Universe completely reimagines the original color for something new.



77, 35.132, 14.940



73, 43.043, 16.172



85, 24.168, 246.851



50, 5.290, 11.794



40, 79.924, 35.898



10, 32.594, 23.070

Previews

White Background



This preview shows how the CIELCh color 77, 35.135, 14.936 looks on a white background.

Color Contrast Check

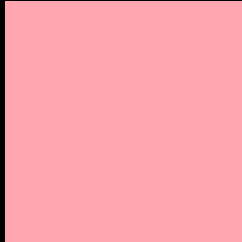
Large Text (above 18pt) WCAG AA × Fail

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, 35.135, 14.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

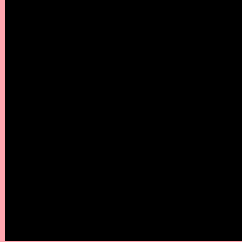
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 35.135, 14.936

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.135, 14.936.

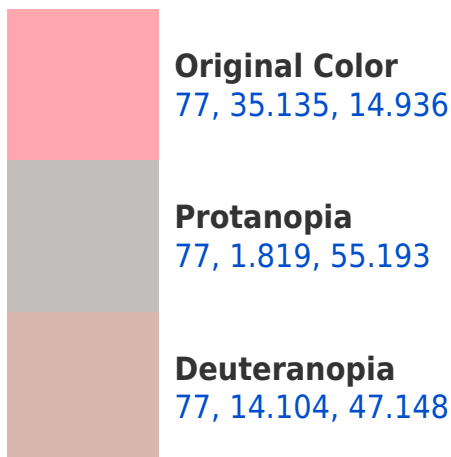


This preview shows how white text looks on a background with the CIELCh color 77, 35.135, 14.936.

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](#).

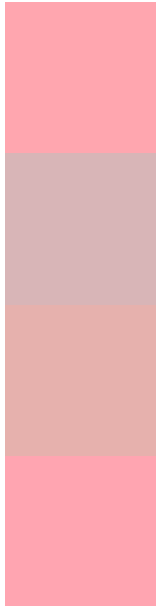
Dichromacy





Tritanopia
77, 35.587, 11.686

Trichromacy



Original Color
77, 35.135, 14.936

Protanomaly
77, 13.418, 15.950

Deuteranomaly
77, 20.963, 26.913

Tritanomaly
77, 35.569, 12.535

Monochromacy



Original Color
77, 35.135, 14.936

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.258, 12.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.135, 14.936 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, 166, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 175)  
}
```

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, 166, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.135, 14.936 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, 166, 175) }
```

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

```
.border{ border-color:rgb(255, 166, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.135, 14.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 175) }
```

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

```
.background{ background-color: rgb(255,  
166, 175) }
```

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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