

Converting Colors

CIELCh(77, 35.166, 12.631)

Have a look what the booklet for
CIELCh(77, 35.166, 12.631) contains.

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Color

CIELCh(77, 35.132, 13.216)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6B1
RGB	255, 166, 177
RGB Percent	100%, 65%, 69%
CMY	0.0012, 0.3501, 0.3070
CMYK	0.00, 0.35, 0.31, 0.00
HSL	353°, 99%, 82%
HSV	353°, 35%, 100%
XYZ	62.6162, 51.5317, 48.0928
YIQ	193.8650, 49.5130, 22.2890

Conversions

Conversions Part 2

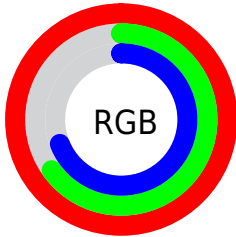
Format	Color
R_{YB}	255, 166, 177
Decimal	16754353
CIE _{Lab}	77.00, 34.20, 8.03
CIE _{LCh}	77, 35.132, 13.216
Yxy	51.5317, 0.3859, 0.3176
Android (android.graphics.Color)	4294944433 (0xFFFFA6B1)
YUV	193.8650, -8.3144, 53.6154
Hunter-Lab	71.7856, 30.0747, 10.5286

Details

The CIELCh color **77, 35.132, 13.216** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.162, 186.320**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.205, 354.911**, and **57, 34.955, 12.808** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.199, 15.041**, and if you desaturate by 10%, it is **83, 24.401, 11.766**.

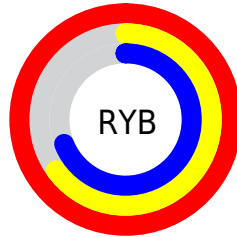
Distribution



Red (100%)

Green (65%)

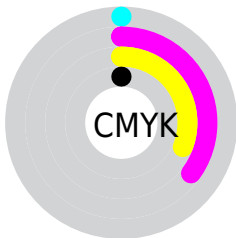
Blue (69%)



Red (100%)

Yellow (65%)

Blue (69%)

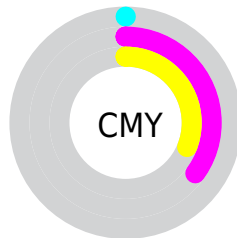


Cyan (0%)

Magenta (35%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.132, 13.216 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, 35.132, 13.216 by changing the saturation by 10% instead.

 77, 35.132, 13.216

 77, 35.132, 13.216

 100, 35.132,
13.216

 67, 35.132, 13.216

 97, 35.132, 13.216

 57, 35.132, 13.216

 47, 35.132, 13.216

 37, 35.132, 13.216

 27, 35.132, 13.216

 17, 35.132, 13.216

 7, 35.132, 13.216

 0, 35.132, 13.216

 77, 35.132, 13.216

 77, 35.132, 13.216

71, 46.199, 15.041

83, 24.401, 11.766

66, 57.337, 17.355

90, 14.180, 10.577

61, 68.174, 20.303

97, 4.539, 9.519

58, 78.313, 24.003

100, 0.109,
205.517

55, 87.438, 28.443

54, 95.276, 33.275

53, 98.699, 35.517

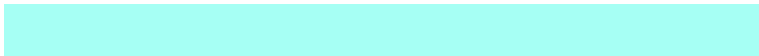
Harmonies

Complementary

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



77, 35.132, 13.216



94, 29.162, 186.320

Rectangle

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



77, 35.132, 13.216



77, 35.132, 63.216



77, 35.132, 193.216



77, 35.132, 243.216

Sweetspot

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



77, 35.129, 13.220



93, 9.360, 10.057



78, 53.796, 322.399



49, 6.414, 10.203



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, 35.129, 13.220



73, 42.975, 14.463



84, 28.756, 56.744



50, 5.313, 10.006



40, 78.820, 34.679



10, 32.444, 22.131

Inverse Universe

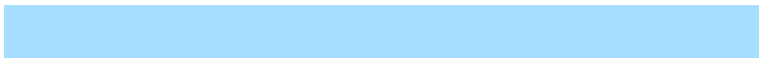
The Inverse Universe completely reimagines the original color for something new.



77, 35.129, 13.220



73, 42.975, 14.463



86, 23.935, 244.603



50, 5.313, 10.006



40, 78.820, 34.679



10, 32.444, 22.131

Previews

White Background



This preview shows how the CIELCh color 77, 35.132, 13.216 looks on a white background.

Color Contrast Check

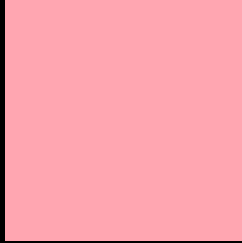
Large Text (above 18pt) WCAG AA × Fail

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, 35.132, 13.216 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, 35.132, 13.216

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.132, 13.216.



This preview shows how white text looks on a background with the CIELCh color 77, 35.132, 13.216.

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



Original Color

77, 35.132, 13.216

Protanopia

77, 1.482, 19.165

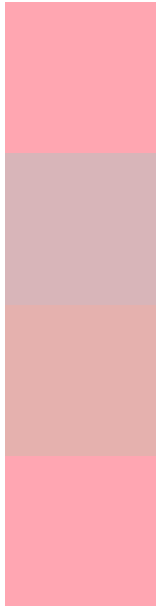
Deuteranopia

77, 13.479, 45.958



Tritanopia
77, 35.143, 12.356

Trichromacy



Original Color
77, 35.132, 13.216

Protanomaly
77, 13.489, 11.431

Deuteranomaly
77, 20.463, 25.541

Tritanomaly
77, 35.143, 12.356

Monochromacy



Original Color
77, 35.132, 13.216

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.302, 10.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.132, 13.216 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.132, 13.216 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, 177) }
```

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

```
.border{ border-color:rgb(255, 166, 177) }
```

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, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.132, 13.216 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
166, 177) }
```

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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