

Converting Colors

CIELCh(76, 34.010, 11.895)

Have a look what the booklet for
CIELCh(76, 34.010, 11.895) contains.

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Color

CIELCh(76, 34.050, 11.910)

Conversions

Conversions Part 1

Format	Color
Hex	FAA4B0
RGB	250, 164, 176
RGB Percent	98%, 64%, 69%
CMY	0.0205, 0.3576, 0.3106
CMYK	0.00, 0.34, 0.30, 0.02
HSL	352°, 89%, 81%
HSV	352°, 34%, 98%
XYZ	60.3999, 49.8872, 47.4147
YIQ	191.0820, 47.4040, 21.9640

Conversions

Conversions Part 2

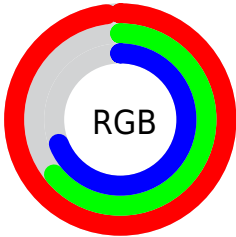
Format	Color
R _Y B	250, 164, 176
Decimal	16426160
CIE Lab	76.00, 33.32, 7.03
CIE LCh	76, 34.050, 11.910
Yxy	49.8872, 0.3830, 0.3163
Android (android.graphics.Color)	4294616240 (0xFFFAA4B0)
YUV	191.0820, -7.4354, 51.6711
Hunter-Lab	70.6309, 29.0398, 9.6401

Details

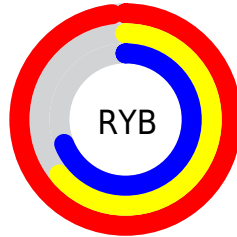
The CIELCh color **76, 34.050, 11.910** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 28.574, 184.992**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 14.095, 354.359**, and **56, 34.237, 11.556** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.871, 13.718**, and if you desaturate by 10%, it is **82, 23.536, 10.465**.

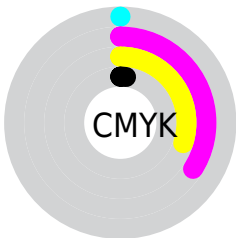
Distribution



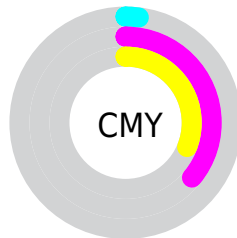
- Red (98%)
- Green (64%)
- Blue (69%)



- Red (98%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (2%)



- Cyan (2%)
- Magenta (36%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 34.050, 11.910 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 76, 34.050, 11.910 by changing the saturation by 10% instead.

 76, 34.050, 11.910

 76, 34.050, 11.910

 100, 34.050,
11.910

 66, 34.050, 11.910

 96, 34.050, 11.910

 56, 34.050, 11.910

 46, 34.050, 11.910

 36, 34.050, 11.910

 26, 34.050, 11.910

 16, 34.050, 11.910

 6, 34.050, 11.910

 0, 34.050, 11.910

 76, 34.050, 11.910

 76, 34.050, 11.910

70, 44.871, 13.718

82, 23.536, 10.465

65, 55.736, 16.002

89, 13.500, 9.274

60, 66.275, 18.909

95, 4.015, 8.195

57, 76.095, 22.570

100, 1.812,
199.656

54, 84.897, 27.008

53, 92.496, 31.953

52, 96.219, 34.569

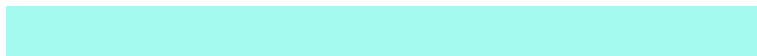
Harmonies

Complementary

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



76, 34.050, 11.910



93, 28.574, 184.992

Rectangle

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



76, 34.050, 11.910



76, 34.050, 61.910



76, 34.050, 191.910



76, 34.050, 241.910

Sweetspot

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



76, 34.047, 11.914



93, 9.393, 8.803



77, 51.994, 321.870



49, 6.436, 8.951



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 34.047, 11.914



74, 41.847, 13.062



83, 27.871, 54.968



49, 5.244, 8.749



39, 77.197, 33.686



9, 31.295, 20.437

Inverse Universe

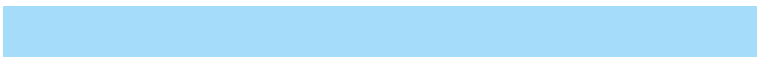
The Inverse Universe completely reimagines the original color for something new.



76, 34.047, 11.914



74, 41.847, 13.062



85, 23.060, 242.217



49, 5.244, 8.749



39, 77.197, 33.686



9, 31.295, 20.437

Previews

White Background



This preview shows how the CIELCh color 76, 34.050, 11.910 looks on a white background.

Color Contrast Check

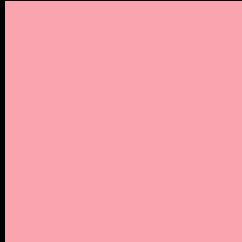
Large Text (above 18pt) WCAG AA × Fail

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 76, 34.050, 11.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

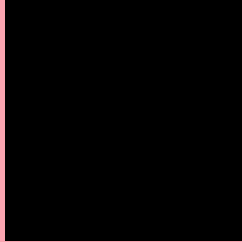
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 34.050, 11.910

Background



This preview shows how black text looks on a background with the CIELCh color 76, 34.050, 11.910.

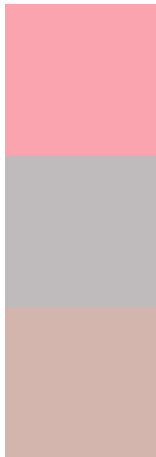


This preview shows how white text looks on a background with the CIELCh color 76, 34.050, 11.910.

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

76, 34.050, 11.910

Protanopia

76, 1.845, 343.607

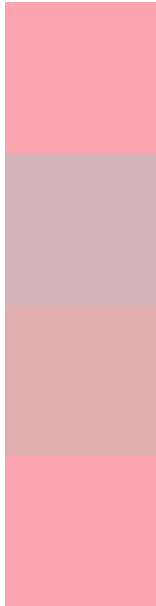
Deuteranopia

76, 12.449, 40.302



Tritanopia
76, 34.050, 11.910

Trichromacy



Original Color
76, 34.050, 11.910

Protanomaly
76, 12.827, 8.453

Deuteranomaly
76, 19.555, 22.606

Tritanomaly
76, 34.050, 11.910

Monochromacy



Original Color
76, 34.050, 11.910

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 11.960, 10.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 34.050, 11.910 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(250, 164, 176)` looks like.

```
.text, #text, p{  
    color:rgb(250, 164, 176)  
}
```

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(250, 164, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 164, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 34.050, 11.910 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(250, 164, 176) }
```

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

```
.border{ border-color:rgb(250, 164, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 164, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 164, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 164, 176);  
box-shadow:4px 4px 4px 4px rgb(250, 164,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 34.050, 11.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 164, 176) }
```

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

```
.background{ background-color: rgb(250,  
164, 176) }
```

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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