

Converting Colors

CIELCh(76, 36.908, 10.602)

Have a look what the booklet for
CIELCh(76, 36.908, 10.602) contains.

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Color

CIELCh(76, 36.947, 10.621)

Conversions

Conversions Part 1

Format	Color
Hex	FEA1B0
RGB	254, 161, 176
RGB Percent	100%, 63%, 69%
CMY	0.0025, 0.3673, 0.3085
CMYK	0.00, 0.37, 0.31, 0.00
HSL	350°, 99%, 82%
HSV	350°, 37%, 100%
XYZ	61.6720, 49.8872, 47.6189
YIQ	190.5170, 50.6130, 24.3810

Conversions

Conversions Part 2

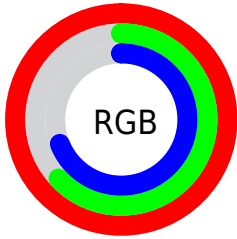
Format	Color
RYB	254, 161, 176
Decimal	16687536
CIELab	76.00, 36.31, 6.81
CIELCh	76, 36.947, 10.621
Yxy	49.8872, 0.3874, 0.3134
Android (android.graphics.Color)	4294877616 (0xFFFEA1B0)
YUV	190.5170, -7.1569, 55.6746
Hunter-Lab	70.6309, 32.2548, 9.4687

Details

The CIELCh color **76, 36.947, 10.621** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 30.969, 182.939**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.777, 351.126**, and **56, 36.844, 10.249** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.879, 12.528**, and if you desaturate by 10%, it is **82, 26.225, 9.096**.

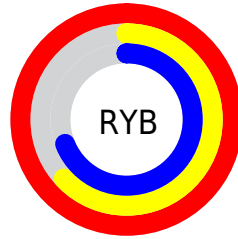
Distribution



Red (100%)

Green (63%)

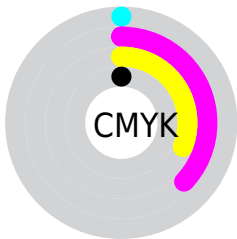
Blue (69%)



Red (100%)

Yellow (63%)

Blue (69%)

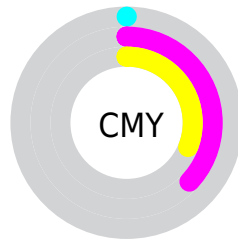


Cyan (0%)

Magenta (37%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.947, 10.621 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, 36.947, 10.621 by changing the saturation by 10% instead.

 76, 36.947, 10.621

 76, 36.947, 10.621

 100, 36.947,
10.621

 66, 36.947, 10.621

 96, 36.947, 10.621

 56, 36.947, 10.621

 46, 36.947, 10.621

 36, 36.947, 10.621

 26, 36.947, 10.621

 16, 36.947, 10.621

 6, 36.947, 10.621

 0, 36.947, 10.621

 76, 36.947, 10.621

 76, 36.947, 10.621

70, 47.879, 12.528

82, 26.225, 9.096

65, 58.718, 14.935

89, 15.921, 7.840

61, 69.063, 17.996

95, 6.135, 6.747

57, 78.520, 21.843

100, 0.224,
202.351

55, 86.844, 26.488

54, 93.961, 31.631

53, 96.218, 33.288

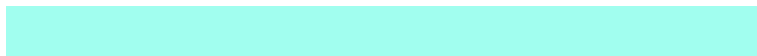
Harmonies

Complementary

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



76, 36.947, 10.621



94, 30.969, 182.939

Rectangle

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



76, 36.947, 10.621



76, 36.947, 60.621



76, 36.947, 190.621



76, 36.947, 240.621

Sweetspot

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



76, 36.944, 10.624



93, 10.421, 7.222



77, 55.823, 321.457



48, 7.029, 7.369



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, 36.944, 10.624



72, 45.153, 11.997



83, 30.371, 53.023



50, 5.363, 7.062



40, 76.905, 32.349



10, 32.214, 20.545

Inverse Universe

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



76, 36.944, 10.624



72, 45.153, 11.997



86, 24.546, 240.296



50, 5.363, 7.062



40, 76.905, 32.349



10, 32.214, 20.545

Previews

White Background



This preview shows how the CIELCh color 76, 36.947, 10.621 looks on a white background.

Color Contrast Check

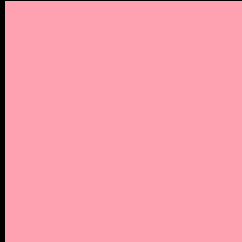
Large Text (above 18pt) WCAG AA × Fail

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 76, 36.947, 10.621 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, 36.947, 10.621

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.947, 10.621.



This preview shows how white text looks on a background with the CIELCh color 76, 36.947, 10.621.

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, 36.947, 10.621

Protanopia

76, 2.439, 317.306

Deuteranopia

76, 12.449, 40.302



Tritanopia
76, 36.464, 12.909

Trichromacy



Original Color
76, 36.947, 10.621



Protanomaly
76, 13.932, 2.705



Deuteranomaly
76, 20.728, 21.172



Tritanomaly
76, 36.476, 12.078

Monochromacy



Original Color
76, 36.947, 10.621



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.286, 6.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.947, 10.621 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(254, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(254, 161, 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(254, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 161, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.947, 10.621 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(254, 161, 176) }
```

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

```
.border{ border-color:rgb(254, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 161, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 161, 176);  
box-shadow:4px 4px 4px 4px rgb(254, 161,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.947, 10.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 161, 176) }
```

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

```
.background{ background-color: rgb(254,  
161, 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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