

Converting Colors

CIELCh(76, 37.404, 9.178)

Have a look what the booklet for
CIELCh(76, 37.404, 9.178) contains.

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Color

CIELCh(76, 37.404, 9.178)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1B2
RGB	255, 161, 178
RGB Percent	100%, 63%, 70%
CMY	0.0006, 0.3691, 0.3025
CMYK	0.00, 0.37, 0.30, 0.00
HSL	349°, 100%, 82%
HSV	349°, 37%, 100%
XYZ	61.9336, 49.8872, 48.4173
YIQ	191.0440, 50.5670, 25.2150

Conversions

Conversions Part 2

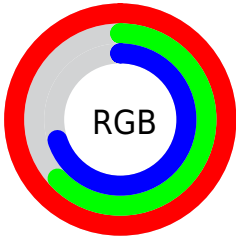
Format	Color
RYB	255, 161, 178
Decimal	16753074
CIELab	76.00, 36.93, 5.97
CIELCh	76, 37.404, 9.178
Yxy	49.8872, 0.3865, 0.3113
Android (android.graphics.Color)	4294943154 (0xFFFFA1B2)
YUV	191.0440, -6.4307, 56.0894
Hunter-Lab	70.6309, 32.9158, 8.7985

Details

The CIELCh color **76, 37.404, 9.178** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 31.620, 181.266**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.280, 347.917**, and **56, 37.267, 9.604** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.285, 11.095**, and if you desaturate by 10%, it is **82, 26.679, 7.638**.

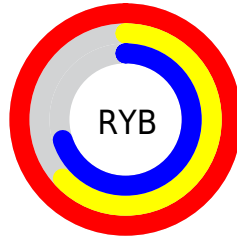
Distribution



Red (100%)

Green (63%)

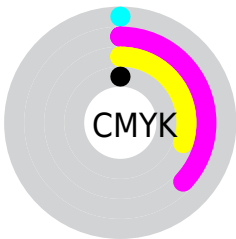
Blue (70%)



Red (100%)

Yellow (63%)

Blue (70%)

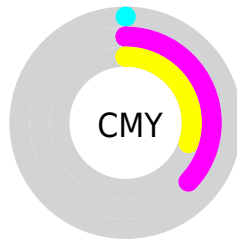


Cyan (0%)

Magenta (37%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.404, 9.178 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, 37.404, 9.178 by changing the saturation by 10% instead.

 76, 37.404, 9.178  76, 37.404, 9.178

 100, 37.404, 9.178  66, 37.404, 9.178

 96, 37.404, 9.178  56, 37.404, 9.178

 46, 37.404, 9.178

 36, 37.404, 9.178

 26, 37.404, 9.178

 16, 37.404, 9.178

 6, 37.404, 9.178

 0, 37.404, 9.178

 76, 37.404, 9.178  76, 37.404, 9.178

70, 48.285, 11.095

82, 26.679, 7.638

65, 59.006, 13.510

89, 16.332, 6.366

61, 69.150, 16.579

95, 6.474, 5.258

57, 78.322, 20.444

100, 0.049,
213.055

55, 86.296, 25.139

54, 93.089, 30.407

53, 95.095, 31.982

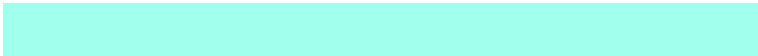
Harmonies

Complementary

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



76, 37.404, 9.178



94, 31.620, 181.266

Rectangle

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



76, 37.404, 9.178



76, 37.404, 59.178



76, 37.404, 189.178



76, 37.404, 239.178

Sweetspot

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



76, 37.401, 9.181



93, 10.481, 5.706



77, 56.173, 320.959



48, 7.068, 5.854



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, 37.401, 9.181



72, 45.176, 10.500



82, 30.814, 51.226



50, 5.395, 5.544



40, 75.902, 30.995



10, 32.097, 19.662

Inverse Universe

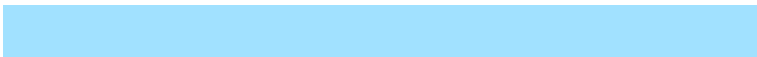
The Inverse Universe completely reimagines the original color for something new.



76, 37.401, 9.181



72, 45.176, 10.500



86, 24.630, 237.997



50, 5.395, 5.544



40, 75.902, 30.995



10, 32.097, 19.662

Previews

White Background



This preview shows how the CIELCh color 76, 37.404, 9.178 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, 37.404, 9.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

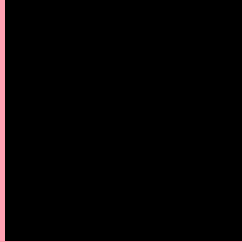
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 37.404, 9.178

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.404, 9.178.

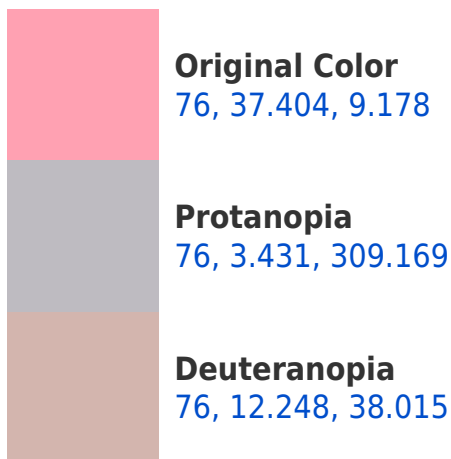


This preview shows how white text looks on a background with the CIELCh color 76, 37.404, 9.178.

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
76, 36.464, 12.909

Trichromacy



Original Color
76, 37.404, 9.178



Protanomaly
76, 14.444, 1.178



Deuteranomaly
76, 20.685, 19.708



Tritanomaly
76, 36.476, 12.078

Monochromacy



Original Color
76, 37.404, 9.178



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, 37.404, 9.178 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, 161, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 178)  
}
```

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, 161, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.404, 9.178 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, 161, 178) }
```

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

```
.border{ border-color:rgb(255, 161, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.404, 9.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 178) }
```

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

```
.background{ background-color: rgb(255,  
161, 178) }
```

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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