

Converting Colors

CIELCh(80, 51.085, 20.358)

Have a look what the booklet for
CIELCh(80, 51.085, 20.358) contains.

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Color

CIELCh(76, 37.373, 17.287)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2A9
RGB	255, 162, 169
RGB Percent	100%, 64%, 66%
CMY	0.0000, 0.3666, 0.3392
CMYK	0.00, 0.37, 0.34, 0.00
HSL	356°, 100%, 82%
HSV	356°, 37%, 100%
XYZ	61.4035, 49.8872, 43.6897
YIQ	190.6050, 53.1810, 21.8930

Conversions

Conversions Part 2

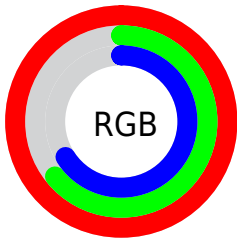
Format	Color
R _Y B	255, 162, 169
Decimal	16753321
CIE Lab	76.00, 35.68, 11.11
CIE LCh	76, 37.373, 17.287
Yxy	49.8872, 0.3962, 0.3219
Android (android.graphics.Color)	4294943401 (0xFFFFA2A9)
YUV	190.6050, -10.6513, 56.4744
Hunter-Lab	70.6309, 31.5761, 12.7670

Details

The CIELCh color **76, 37.373, 17.287** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.746, 190.562**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.889, 7.529**, and **56, 36.921, 17.192** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.508, 19.083**, and if you desaturate by 10%, it is **82, 26.195, 15.778**.

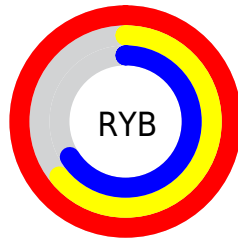
Distribution



Red (100%)

Green (64%)

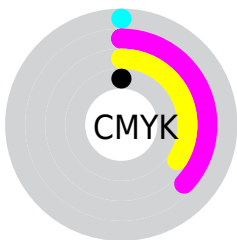
Blue (66%)



Red (100%)

Yellow (64%)

Blue (66%)

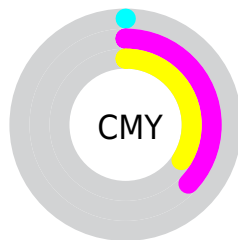


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.373, 17.287 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, 37.373, 17.287 by changing the saturation by 10% instead.

 76, 37.373, 17.287

 76, 37.373, 17.287

 100, 37.373,
17.287

 66, 37.373, 17.287

 96, 37.373, 17.287

 56, 37.373, 17.287

 46, 37.373, 17.287

 36, 37.373, 17.287

 26, 37.373, 17.287

 16, 37.373, 17.287

 6, 37.373, 17.287

 0, 37.373, 17.287

 76, 37.373, 17.287

 76, 37.373, 17.287

70, 48.508, 19.083

82, 26.195, 15.778

65, 60.029, 21.458

89, 15.828, 14.616

60, 71.338, 24.483

95, 6.109, 13.628

57, 82.028, 28.220

100, 0.012,
296.813

55, 91.666, 32.510

54, 99.484, 36.700

53, 101.545,
37.788

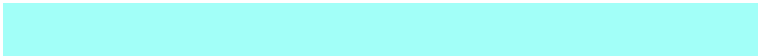
Harmonies

Complementary

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



76, 37.373, 17.287



94, 29.746, 190.562

Rectangle

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



76, 37.373, 17.287



76, 37.373, 67.287



76, 37.373, 197.287



76, 37.373, 247.287

Sweetspot

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



76, 37.141, 17.232



93, 10.250, 14.048



78, 57.097, 323.977



48, 6.920, 14.180



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, 37.141, 17.232



72, 45.460, 18.546



85, 30.443, 62.010



50, 5.270, 13.904



40, 81.125, 37.138



10, 32.779, 24.158

Inverse Universe

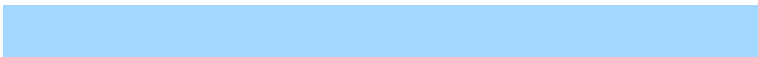
The Inverse Universe completely reimagines the original color for something new.



76, 37.141, 17.232



72, 45.460, 18.546



84, 25.900, 251.596



50, 5.270, 13.904



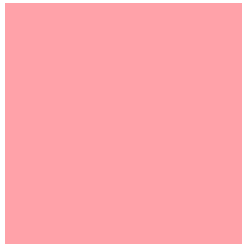
40, 81.125, 37.138



10, 32.779, 24.158

Previews

White Background



This preview shows how the CIELCh color 76, 37.373, 17.287 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, 37.373, 17.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

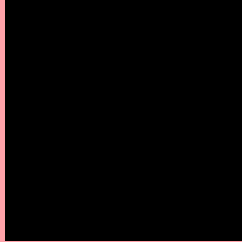
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 37.373, 17.287

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.373, 17.287.

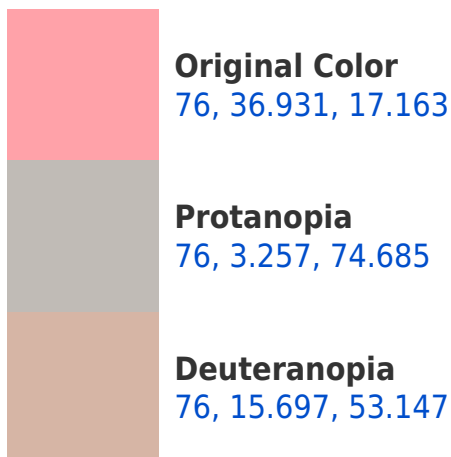


This preview shows how white text looks on a background with the CIELCh color 76, 37.373, 17.287.

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](#).

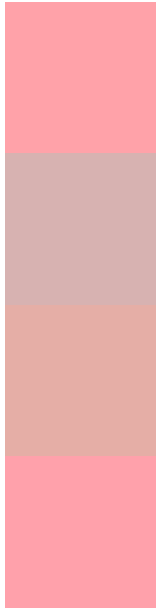
Dichromacy





Tritanopia
76, 37.285, 13.230

Trichromacy



Original Color
76, 36.931, 17.163

Protanomaly
76, 14.312, 22.705

Deuteranomaly
76, 22.376, 32.112

Tritanomaly
76, 37.295, 14.855

Monochromacy



Original Color
76, 36.931, 17.163

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.043, 15.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.373, 17.287 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, 162, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 169)  
}
```

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, 162, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.373, 17.287 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, 162, 169) }
```

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

```
.border{ border-color:rgb(255, 162, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.373, 17.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 169) }
```

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

```
.background{ background-color: rgb(255,  
162, 169) }
```

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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