

Converting Colors

CIELCh(76, 33.345, 18.662)

Have a look what the booklet for
CIELCh(76, 33.345, 18.662) contains.

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Color

CIELCh(76, 33.323, 18.835)

Conversions

Conversions Part 1

Format	Color
Hex	F9A5A9
RGB	249, 165, 169
RGB Percent	98%, 65%, 66%
CMY	0.0237, 0.3531, 0.3374
CMYK	0.00, 0.34, 0.32, 0.02
HSL	357°, 87%, 81%
HSV	357°, 34%, 98%
XYZ	59.6533, 49.8872, 43.9992
YIQ	190.5720, 48.7800, 19.0520

Conversions

Conversions Part 2

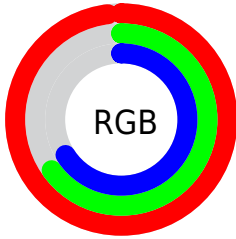
Format	Color
R _Y B	249, 165, 169
Decimal	16360873
CIE Lab	76.00, 31.54, 10.76
CIE LCh	76, 33.323, 18.835
Yxy	49.8872, 0.3885, 0.3249
Android (android.graphics.Color)	4294550953 (0xFFF9A5A9)
YUV	190.5720, -10.6350, 51.2414
Hunter-Lab	70.6309, 27.1532, 12.5072

Details

The CIELCh color **76, 33.323, 18.835** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 26.880, 193.276**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.543, 13.203**, and **56, 33.563, 18.781** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.507, 20.516**, and if you desaturate by 10%, it is **82, 22.665, 17.530**.

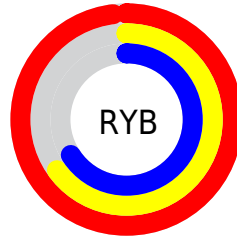
Distribution



Red (98%)

Green (65%)

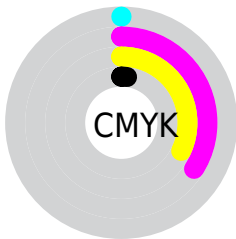
Blue (66%)



Red (98%)

Yellow (65%)

Blue (66%)

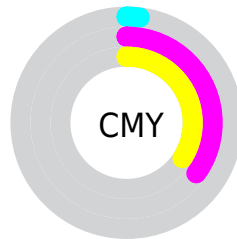


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 33.323, 18.835 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, 33.323, 18.835 by changing the saturation by 10% instead.

 76, 33.323, 18.835

 76, 33.323, 18.835

 100, 33.323,
18.835

 66, 33.323, 18.835

 96, 33.323, 18.835

 56, 33.323, 18.835

 46, 33.323, 18.835

 36, 33.323, 18.835

 26, 33.323, 18.835

 16, 33.323, 18.835

 6, 33.323, 18.835

 0, 33.323, 18.835

 76, 33.323, 18.835

 76, 33.323, 18.835

70, 44.507, 20.516

82, 22.665, 17.530

65, 56.008, 22.677

89, 12.653, 16.485

60, 67.496, 25.446

95, 3.319, 15.526

57, 78.568, 28.893

100, 2.098,
199.588

54, 88.740, 32.890

52, 97.150, 36.846

52, 100.861,
38.673

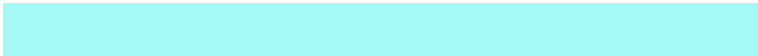
Harmonies

Complementary

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



76, 33.323, 18.835



93, 26.880, 193.276

Rectangle

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



76, 33.323, 18.835



76, 33.323, 68.835



76, 33.323, 198.835



76, 33.323, 248.835

Sweetspot

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



76, 33.320, 18.839



93, 9.264, 16.140



78, 52.046, 324.823



49, 6.353, 16.268



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, 33.320, 18.839



74, 41.073, 19.848



85, 27.415, 65.914



49, 5.171, 16.093



39, 81.365, 38.163



9, 31.854, 24.232

Inverse Universe

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



76, 33.320, 18.839



74, 41.073, 19.848



83, 24.162, 255.140



49, 5.171, 16.093



39, 81.365, 38.163



9, 31.854, 24.232

Previews

White Background



This preview shows how the CIELCh color 76, 33.323, 18.835 looks on a white background.

Color Contrast Check

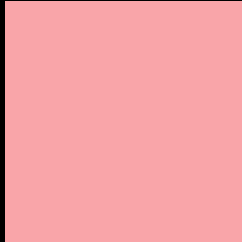
Large Text (above 18pt) WCAG AA × Fail

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, 33.323, 18.835 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, 33.323, 18.835

Background



This preview shows how black text looks on a background with the CIELCh color 76, 33.323, 18.835.

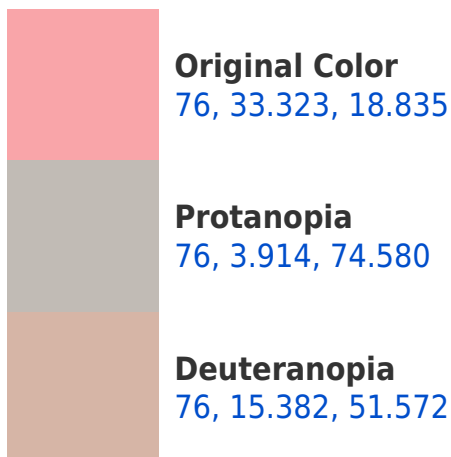


This preview shows how white text looks on a background with the CIELCh color 76, 33.323, 18.835.

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](#).

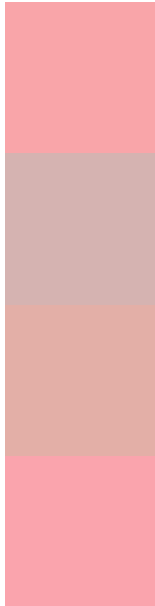
Dichromacy





Tritanopia
76, 34.050, 11.910

Trichromacy



Original Color
76, 33.323, 18.835

Protanomaly
76, 13.174, 25.098

Deuteranomaly
76, 21.145, 32.648

Tritanomaly
76, 34.027, 14.580

Monochromacy



Original Color
76, 33.323, 18.835

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.449, 17.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 33.323, 18.835 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(249, 165, 169)` looks like.

```
.text, #text, p{  
    color:rgb(249, 165, 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(249, 165, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 165, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 33.323, 18.835 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(249, 165, 169) }
```

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

```
.border{ border-color:rgb(249, 165, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 165, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 165, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 165, 169);  
box-shadow:4px 4px 4px 4px rgb(249, 165,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 33.323, 18.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 165, 169) }
```

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

```
.background{ background-color: rgb(249,  
165, 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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