

Converting Colors

CIELCh(76, 34.838, 27.528)

Have a look what the booklet for
CIELCh(76, 34.838, 27.528) contains.

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Color

CIELCh(76, 35.066, 27.621)

Conversions

Conversions Part 1

Format	Color
Hex	FBA59F
RGB	251, 165, 159
RGB Percent	98%, 65%, 62%
CMY	0.0159, 0.3531, 0.3767
CMYK	0.00, 0.34, 0.37, 0.02
HSL	4°, 92%, 80%
HSV	4°, 37%, 98%
XYZ	59.4575, 49.8872, 39.2704
YIQ	190.0300, 53.1820, 16.3660

Conversions

Conversions Part 2

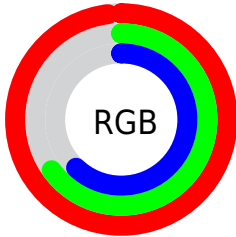
Format	Color
R _Y B	251, 165, 159
Decimal	16491935
CIE Lab	76.00, 31.07, 16.26
CIE LCh	76, 35.066, 27.621
Yxy	49.8872, 0.4001, 0.3357
Android (android.graphics.Color)	4294682015 (0xFFFBA59F)
YUV	190.0300, -15.2978, 53.4707
Hunter-Lab	70.6309, 26.6582, 16.4768

Details

The CIELCh color **76, 35.066, 27.621** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 26.795, 204.480**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.180, 36.066**, and **56, 34.991, 27.132** is the 20% darker color. If you saturate the color by 10%, you get **70, 46.316, 28.921**, and if you desaturate by 10%, it is **82, 24.504, 26.659**.

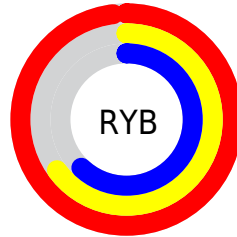
Distribution



Red (98%)

Green (65%)

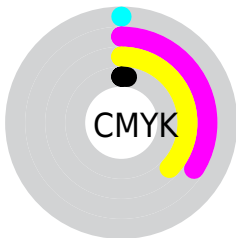
Blue (62%)



Red (98%)

Yellow (65%)

Blue (62%)

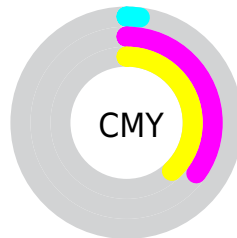


Cyan (0%)

Magenta (34%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 35.066, 27.621 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, 35.066, 27.621 by changing the saturation by 10% instead.

76, 35.066, 27.621

76, 35.066, 27.621

100, 35.066,
27.621

66, 35.066, 27.621

96, 35.066, 27.621

56, 35.066, 27.621

46, 35.066, 27.621

36, 35.066, 27.621

26, 35.066, 27.621

16, 35.066, 27.621

6, 35.066, 27.621

0, 35.066, 27.621

76, 35.066, 27.621

76, 35.066, 27.621

70, 46.316, 28.921

82, 24.504, 26.659

65, 58.111, 30.627

88, 14.696, 25.938

61, 70.175, 32.804

94, 5.637, 25.356

57, 82.049, 35.405

100, 1.412,
199.785

55, 92.835, 38.096

53, 100.600,
39.976

53, 102.472,
40.502

Harmonies

Complementary

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



76, 35.066, 27.621



92, 26.795, 204.480

Rectangle

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



76, 35.066, 27.621



76, 35.066, 77.621



76, 35.066, 207.621



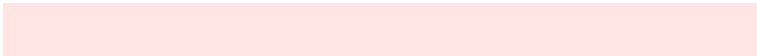
76, 35.066, 257.621

Sweetspot

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



76, 35.064, 27.626



93, 9.605, 25.605



77, 55.588, 327.868



49, 6.490, 25.682



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, 35.064, 27.626



73, 43.836, 28.545



86, 31.488, 75.811



49, 4.852, 25.520



40, 82.485, 40.677



10, 30.878, 29.467

Inverse Universe

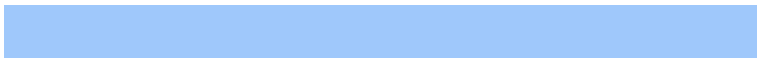
The Inverse Universe completely reimagines the original color for something new.



92, 26.795, 204.480



92, 31.430, 204.491



79, 29.293, 266.917



51, 4.561, 204.999



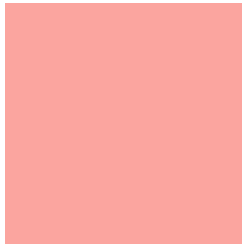
66, 36.747, 207.482



21, 16.778, 205.967

Previews

White Background



This preview shows how the CIELCh color 76, 35.066, 27.621 looks on a white background.

Color Contrast Check

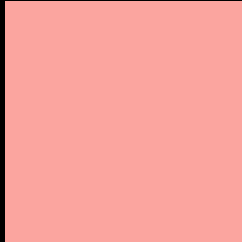
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 35.066, 27.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

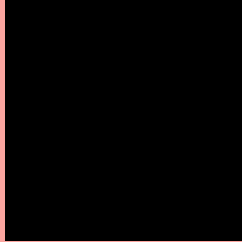
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 35.066, 27.621

Background



This preview shows how black text looks on a background with the CIELCh color 76, 35.066, 27.621.

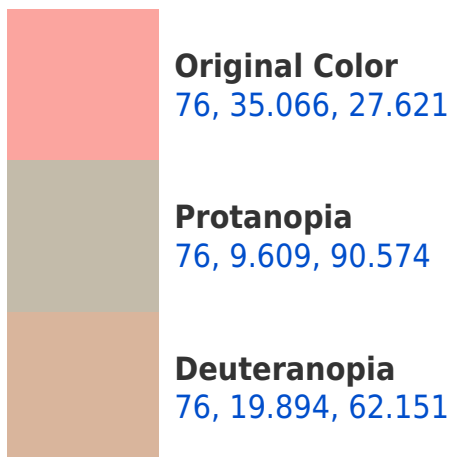


This preview shows how white text looks on a background with the CIELCh color 76, 35.066, 27.621.

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](#).

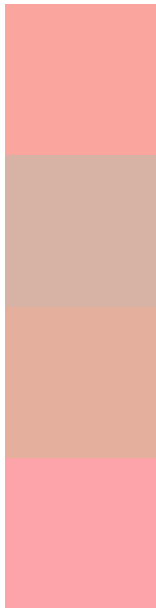
Dichromacy





Tritanopia
76, 35.255, 12.421

Trichromacy



Original Color
76, 35.066, 27.621

Protanomaly
76, 15.913, 46.227

Deuteranomaly
76, 24.094, 44.354

Tritanomaly
76, 34.926, 18.317

Monochromacy



Original Color
76, 35.066, 27.621

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 11.965, 25.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 35.066, 27.621 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(251, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(251, 165, 159)  
}
```

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(251, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 165, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 35.066, 27.621 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(251, 165, 159) }
```

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

```
.border{ border-color:rgb(251, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(251, 165,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 35.066, 27.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 165, 159) }
```

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

```
.background{ background-color: rgb(251,  
165, 159) }
```

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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