

Converting Colors

CIELCh(77, 33.028, 26.728)

Have a look what the booklet for
CIELCh(77, 33.028, 26.728) contains.

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Color

CIELCh(77, 33.122, 26.799)

Conversions

Conversions Part 1

Format	Color
Hex	FBA9A4
RGB	251, 169, 164
RGB Percent	98%, 66%, 64%
CMY	0.0159, 0.3374, 0.3571
CMYK	0.00, 0.33, 0.35, 0.02
HSL	3°, 91%, 81%
HSV	3°, 35%, 98%
XYZ	60.6353, 51.5317, 41.8471
YIQ	192.9480, 50.4770, 15.8290

Conversions

Conversions Part 2

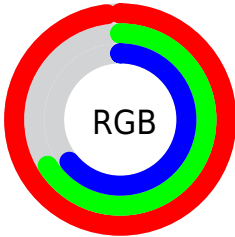
Format	Color
R _Y B	251, 169, 164
Decimal	16492964
CIE Lab	77.00, 29.56, 14.93
CIE LCh	77, 33.122, 26.799
Yxy	51.5317, 0.3937, 0.3346
Android (android.graphics.Color)	4294683044 (0xFFFBA9A4)
YUV	192.9480, -14.2714, 50.9116
Hunter-Lab	71.7856, 25.1491, 15.6871

Details

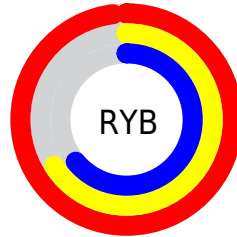
The CIELCh color **77, 33.122, 26.799** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 25.756, 203.637**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.509, 35.619**, and **57, 33.015, 27.014** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.298, 28.075**, and if you desaturate by 10%, it is **83, 22.645, 25.852**.

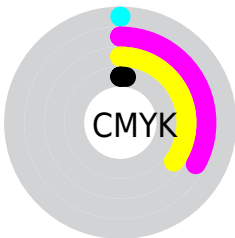
Distribution



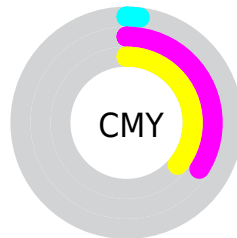
- Red (98%)
- Green (66%)
- Blue (64%)



- Red (98%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (33%)
- Yellow (35%)
- Black (2%)



- Cyan (2%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 33.122, 26.799 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 77, 33.122, 26.799 by changing the saturation by 10% instead.

77, 33.122, 26.799

77, 33.122, 26.799

100, 33.122,
26.799

67, 33.122, 26.799

97, 33.122, 26.799

57, 33.122, 26.799

47, 33.122, 26.799

37, 33.122, 26.799

27, 33.122, 26.799

17, 33.122, 26.799

7, 33.122, 26.799

0, 33.122, 26.799

77, 33.122, 26.799

77, 33.122, 26.799

71, 44.298, 28.075

83, 22.645, 25.852

66, 56.041, 29.754

89, 12.924, 25.134

62, 68.095, 31.910

96, 3.947, 24.510

58, 80.040, 34.532

100, 1.410,
199.786

55, 91.104, 37.362

53, 99.599, 39.602

53, 102.594,
40.429

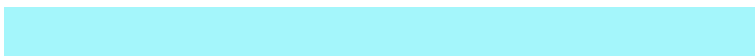
Harmonies

Complementary

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



77, 33.122, 26.799



92, 25.756, 203.637

Rectangle

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



77, 33.122, 26.799



77, 33.122, 76.799



77, 33.122, 206.799



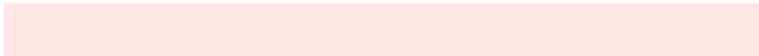
77, 33.122, 256.799

Sweetspot

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



77, 33.120, 26.804



93, 8.758, 24.852



78, 52.664, 327.759



49, 6.010, 24.936



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 33.120, 26.804



74, 41.800, 27.705



87, 29.664, 76.082



49, 4.887, 24.822



40, 82.599, 40.591



10, 31.023, 29.070

Inverse Universe

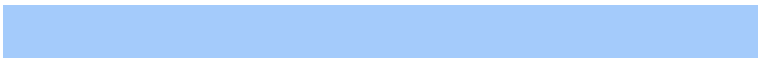
The Inverse Universe completely reimagines the original color for something new.



92, 25.756, 203.637



92, 30.534, 203.592



81, 27.714, 266.469



51, 4.595, 204.243



66, 37.063, 206.056



21, 16.910, 204.747

Previews

White Background



This preview shows how the CIELCh color 77, 33.122, 26.799 looks on a white background.

Color Contrast Check

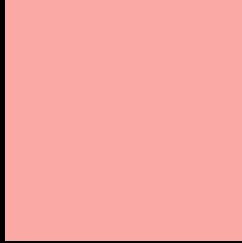
Large Text (above 18pt) WCAG AA × Fail

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 77, 33.122, 26.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

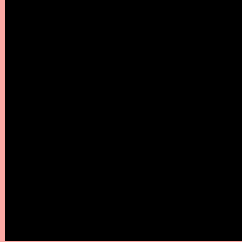
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 33.122, 26.799

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.122, 26.799.

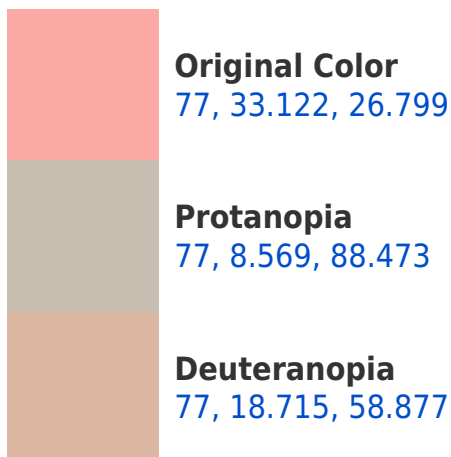


This preview shows how white text looks on a background with the CIELCh color 77, 33.122, 26.799.

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
77, 33.553, 11.680

Trichromacy



Original Color
77, 33.122, 26.799

Protanomaly
77, 14.976, 43.377

Deuteranomaly
77, 23.100, 42.480

Tritanomaly
77, 33.133, 16.962

Monochromacy



Original Color
77, 33.122, 26.799

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 11.534, 25.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.122, 26.799 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, 169, 164)` looks like.

```
.text, #text, p{  
    color:rgb(251, 169, 164)  
}
```

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, 169, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 169, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.122, 26.799 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, 169, 164) }
```

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

```
.border{ border-color:rgb(251, 169, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 169, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 169, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 169, 164);  
box-shadow:4px 4px 4px 4px rgb(251, 169,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.122, 26.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 169, 164) }
```

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

```
.background{ background-color: rgb(251,  
169, 164) }
```

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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