

Converting Colors

CIELCh(77, 31.081, 29.543)

Have a look what the booklet for
CIELCh(77, 31.081, 29.543) contains.

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Color

CIELCh(77, 30.997, 29.778)

Conversions

Conversions Part 1

Format	Color
Hex	F7ABA3
RGB	247, 171, 163
RGB Percent	97%, 67%, 64%
CMY	0.0315, 0.3295, 0.3609
CMYK	0.00, 0.31, 0.34, 0.03
HSL	6°, 84%, 80%
HSV	6°, 34%, 97%
XYZ	59.5179, 51.5317, 41.4504
YIQ	192.8120, 47.8640, 13.6240

Conversions

Conversions Part 2

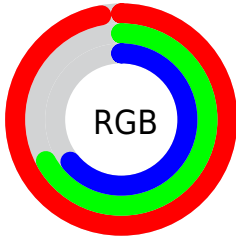
Format	Color
R _Y B	247, 172, 163
Decimal	16231331
CIE Lab	77.00, 26.90, 15.39
CIE LCh	77, 30.997, 29.778
Yxy	51.5317, 0.3903, 0.3379
Android (android.graphics.Color)	4294421411 (0xFFF7ABA3)
YUV	192.8120, -14.6973, 47.5229
Hunter-Lab	71.7856, 22.3706, 16.0147

Details

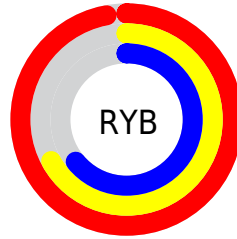
The CIELCh color **77, 30.997, 29.778** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 24.174, 207.912**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.357, 43.998**, and **57, 31.206, 29.972** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.719, 30.790**, and if you desaturate by 10%, it is **83, 20.999, 29.052**.

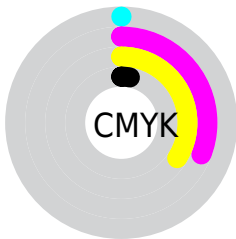
Distribution



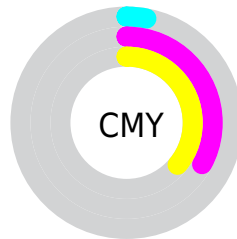
- Red (97%)
- Green (67%)
- Blue (64%)



- Red (97%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (3%)



- Cyan (3%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 30.997, 29.778 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, 30.997, 29.778 by changing the saturation by 10% instead.

77, 30.997, 29.778

77, 30.997, 29.778

100, 30.997,
29.778

67, 30.997, 29.778

97, 30.997, 29.778

57, 30.997, 29.778

47, 30.997, 29.778

37, 30.997, 29.778

27, 30.997, 29.778

17, 30.997, 29.778

7, 30.997, 29.778

0, 30.997, 29.778

77, 30.997, 29.778

77, 30.997, 29.778

72, 41.719, 30.790

83, 20.999, 29.052

66, 53.078, 32.145

89, 11.752, 28.523

62, 64.873, 33.904

95, 3.227, 28.036

58, 76.738, 36.054

99, 2.778, 199.468

55, 87.957, 38.375

53, 96.957, 40.185

52, 100.664,
40.867

Harmonies

Complementary

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



77, 30.997, 29.778



90, 24.174, 207.912

Rectangle

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



77, 30.997, 29.778



77, 30.997, 79.778



77, 30.997, 209.778



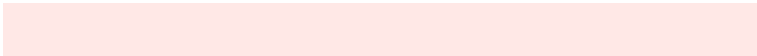
77, 30.997, 259.778

Sweetspot

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



77, 30.995, 29.783



94, 8.467, 28.347



77, 49.895, 328.741



49, 5.810, 28.408



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, 30.995, 29.783



75, 39.437, 30.461



87, 29.293, 79.363



48, 4.645, 28.323



39, 81.120, 41.097



9, 29.109, 30.089

Inverse Universe

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



90, 24.174, 207.912



91, 28.945, 208.036



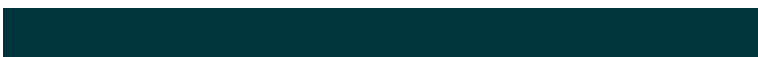
79, 27.921, 269.546



50, 4.366, 208.039



63, 35.362, 213.262



19, 15.895, 210.785

Previews

White Background



This preview shows how the CIELCh color 77, 30.997, 29.778 looks on a white background.

Color Contrast Check

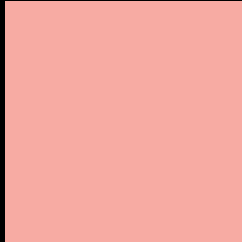
Large Text (above 18pt) WCAG AA × Fail

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, 30.997, 29.778 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, 30.997, 29.778

Background



This preview shows how black text looks on a background with the CIELCh color 77, 30.997, 29.778.

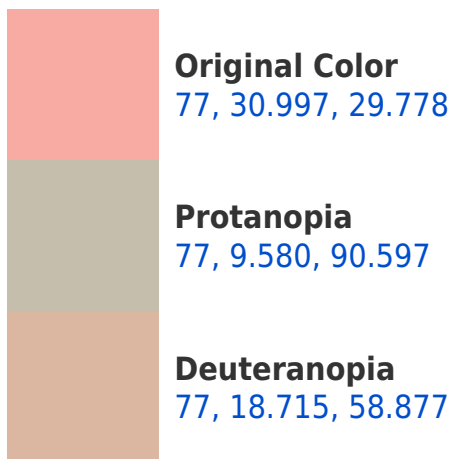


This preview shows how white text looks on a background with the CIELCh color 77, 30.997, 29.778.

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, 32.009, 10.013

Trichromacy



Original Color
77, 30.997, 29.778

Protanomaly
77, 15.042, 49.940

Deuteranomaly
77, 22.184, 44.788

Tritanomaly
77, 31.128, 17.364

Monochromacy



Original Color
77, 30.997, 29.778

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 10.832, 28.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 30.997, 29.778 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(247, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(247, 171, 163)  
}
```

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(247, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 171, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 30.997, 29.778 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(247, 171, 163) }
```

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

```
.border{ border-color:rgb(247, 171, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(247, 171,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 30.997, 29.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 171, 163) }
```

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

```
.background{ background-color: rgb(247,  
171, 163) }
```

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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