

Converting Colors

CIELCh(77, 30.768, 33.666)

Have a look what the booklet for
CIELCh(77, 30.768, 33.666) contains.

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Color

CIELCh(77, 30.809, 33.674)

Conversions

Conversions Part 1

Format	Color
Hex	F6ACA0
RGB	246, 172, 160
RGB Percent	96%, 67%, 63%
CMY	0.0360, 0.3261, 0.3732
CMYK	0.00, 0.30, 0.35, 0.04
HSL	8°, 82%, 80%
HSV	8°, 35%, 96%
XYZ	58.9916, 51.5317, 40.0189
YIQ	192.7580, 47.9560, 11.9560

Conversions

Conversions Part 2

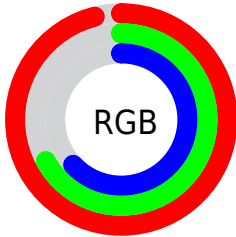
Format	Color
R _Y B	246, 174, 160
Decimal	16166048
CIE Lab	77.00, 25.64, 17.08
CIE LCh	77, 30.809, 33.674
Yxy	51.5317, 0.3919, 0.3423
Android (android.graphics.Color)	4294356128 (0xFFFF6ACA0)
YUV	192.7580, -16.1497, 46.6932
Hunter-Lab	71.7856, 21.0619, 17.1970

Details

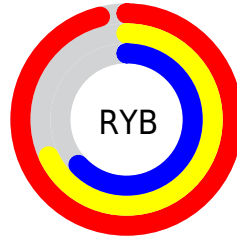
The CIELCh color **77, 30.809, 33.674** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 23.830, 213.334**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 12.080, 53.440**, and **57, 30.845, 33.025** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.259, 34.420**, and if you desaturate by 10%, it is **82, 21.095, 33.179**.

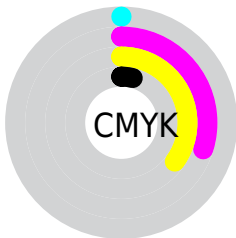
Distribution



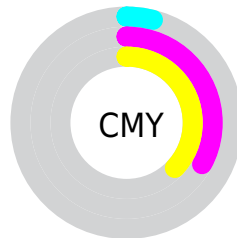
- Red (96%)
- Green (67%)
- Blue (63%)



- Red (96%)
- Yellow (68%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 30.809, 33.674 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, 30.809, 33.674 by changing the saturation by 10% instead.

77, 30.809, 33.674

77, 30.809, 33.674

100, 30.809,
33.674

67, 30.809, 33.674

97, 30.809, 33.674

57, 30.809, 33.674

47, 30.809, 33.674

37, 30.809, 33.674

27, 30.809, 33.674

17, 30.809, 33.674

7, 30.809, 33.674

0, 30.809, 33.674

77, 30.809, 33.674

77, 30.809, 33.674

72, 41.259, 34.420

82, 21.095, 33.179

67, 52.384, 35.456

88, 12.127, 32.858

63, 64.011, 36.823

94, 3.865, 32.592

59, 75.787, 38.484

99, 3.178, 199.412

56, 86.960, 40.200

53, 95.882, 41.304

53, 99.167, 41.609

Harmonies

Complementary

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



77, 30.809, 33.674



88, 23.830, 213.334

Rectangle

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



77, 30.809, 33.674



77, 30.809, 83.674



77, 30.809, 213.674



77, 30.809, 263.674

Sweetspot

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



77, 30.807, 33.679



94, 8.169, 32.738



76, 49.371, 330.431



49, 5.606, 32.771



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, 30.807, 33.679



76, 39.234, 34.177



87, 31.138, 83.736



48, 4.482, 32.726



40, 80.123, 41.914



10, 28.368, 32.480

Inverse Universe

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



88, 23.830, 213.334



90, 28.522, 213.701



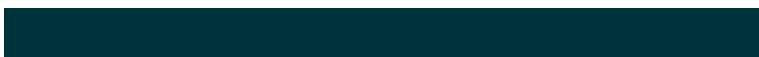
77, 30.429, 274.160



50, 4.214, 212.815



61, 34.492, 222.438



19, 15.453, 218.538

Previews

White Background



This preview shows how the CIELCh color 77, 30.809, 33.674 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, 30.809, 33.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

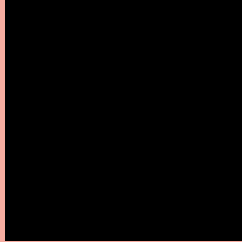
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 30.809, 33.674

Background



This preview shows how black text looks on a background with the CIELCh color 77, 30.809, 33.674.

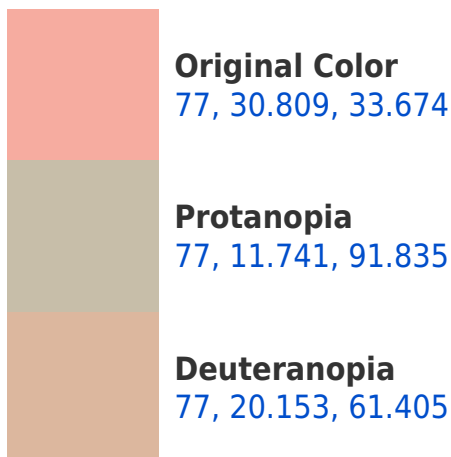


This preview shows how white text looks on a background with the CIELCh color 77, 30.809, 33.674.

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, 31.164, 10.564

Trichromacy



Original Color
77, 30.809, 33.674

Protanomaly
77, 15.985, 54.671

Deuteranomaly
77, 23.026, 48.186

Tritanomaly
77, 30.364, 19.130

Monochromacy



Original Color
77, 30.809, 33.674

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 10.563, 31.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 30.809, 33.674 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(246, 172, 160)` looks like.

```
.text, #text, p{  
    color:rgb(246, 172, 160)  
}
```

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(246, 172, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 172, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 30.809, 33.674 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(246, 172, 160) }
```

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

```
.border{ border-color:rgb(246, 172, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 172, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 172, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 172, 160);  
box-shadow:4px 4px 4px 4px rgb(246, 172,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 30.809, 33.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 172, 160) }
```

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

```
.background{ background-color: rgb(246,  
172, 160) }
```

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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